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of factors unique to each country's situation." 9/ During testimony in the Spring of 1984, the Assistant Secretary of State, Elliott Abrams, said that "all EVD decisions require a balancing of judgments about their foreign policy, humanitarian, and immigration policy implications." 10/ During the same hearing, Doris Meissner, INS Executive Associate Commissioner, noted that "EVD always remains an option, a discretionary option, for the Attorney General, on the recommendation of the Secretary of State in extraordinary circumstances." 11/

INS officials currently say that EVD status has been granted to the following national groups: 12/

<u>Country</u>	<u>Period Covered</u>
Afghanistan	December 1980 to present
Cambodia	1975 to passage of P.L. 95-145 which accorded refugee status to certain Indochinese
Cuba	1960 to passage of P.L. 89-732 which accorded refugee status to certain Cubans
Chile	April 9, 1971 to December 30, 1977
Czechoslovakia	August 21, 1968 to December 30, 1977
Dominican Republic	October 18, 1966 to April 26, 1978 (for arrivals between April 24, 1965 and June 3, 1966)
Ethiopia	July 12, 1977 to present (for arrivals prior to June 30, 1980)

9/ U.S. Congress. House. Committee on the Judiciary. Subcommittee on Immigration, Refugees, and International Law. Temporary Suspension of Deportation of Certain Aliens. Hearing on H.R. 4447, 98th Cong., 2d Sess., April 12, 1984 (Serial No. 41). p. 84-85.

10/ Ibid., p. 67.

11/ Ibid., p. 89.

12/ Telephone conversation with Ms. Apgar, Detention and Deportation Officer, Detention and Deportation Section, INS. Jan. 31, 1985.

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Iran	April 16, 1979 to December 13, 1979
Laos	July 9, 1975 to passage of P.L. 95-145 which accorded refugee status to certain Indochinese
Nicaragua	July 3, 1979 to September 28, 1980
Poland	December 23, 1981 to present (for arrivals prior to July 21, 1984)
Uganda	June 8, 1978 to present
Vietnam	April 4, 1975 to P.L. 95-145 which accorded refugee status to certain Indochinese

INS indicates that they have not collected statistics on the number of aliens granted EVD. One example of the number of aliens affected by this form of relief is the estimate published in 1966 that approximately 47,000 Cubans were granted EVD between 1960-1966. ^{13/} Although it is possible that hundreds of thousands of aliens would be eligible for EVD when it is extended to their national group (e.g., the Indochinese), it is also possible that relatively few members of a national group given blanket relief actually need the EVD designation to avoid deportation.

^{13/} U.S. Congress. House. Committee on the Judiciary. Adjusting the Status of Cuban Refugees to That of Lawful Permanent Residents of the United States. Report No. 1978, 89th Cong., 2d Sess. Sept. 1, 1966. p. 2.

ISSUES RELATING TO ADMINISTRATIVE RELIEF FROM DEPORTATION

The discretionary nature of the administratively-formulated relief from deportation has made it, almost by definition, vulnerable to criticism regarding how the discretion is exercised. Concerns over the exercise of discretion have frequently led to litigation--not in a dispute over the alien's deportability but over the Administration's failure to grant discretionary relief to allow the alien to remain despite deportability. ^{14/} However, as noted by Gordon and Rosenfield, "the courts repeatedly have declared that Congress has entrusted to the Attorney General the responsibility of exercising discretion and that the courts will not substitute their discretion for that of the Attorney General." ^{15/} They further note, however, that "no general rule can inhibit a judge from intervening to correct actions he considers manifestly illegal, unfair, or unjust." ^{16/} Thus, though there is some role for court intervention, administrative discretionary relief from deportation has basically been regarded as a responsibility of the Administration.

Recently, criticism of the Administration's discretionary grants of relief has focused on confusion surrounding the nature (including criteria) of available blanket relief for members of national groups (such as EVD); and alleged inconsistencies in the grants of such relief, including decisions made regarding what national groups will receive them. The lack of statutory or regulatory guidelines for blanket relief has exacerbated the confusion.

^{14/} Gordon and Rosenfield, v. 2. p. 8-120.

^{15/} Ibid., p. 8-121.

^{16/} Ibid., p. 8-123.

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The current debate on blanket discretionary relief has focused on a class of aliens in the U.S.--nationals of El Salvador--who have not been given blanket administrative relief from deportation, though proponents argue they should be. Congressional attention was focused on the Salvadorans during the 98th Congress. Legislation expressing the sense of Congress that, with certain exceptions, Salvadorans in the U.S. prior to January 1, 1983, should be granted EVD status until conditions in their country improved was passed as part of the DOS authorization bill (P.L. 98-164). However, the Administration did not act on this recommendation. In addition legislation was introduced (H.R. 4447) to provide for the temporary suspension of deportation of natives of El Salvador, except those found excludable for serious crimes or as threats to U.S. security; and to require the President to report to Congress on displaced persons within or outside El Salvador. The House Judiciary Immigration, Refugees, and International Law Subcommittee held hearings on the bill and it was reported to the full Committee as amended. In addition, the Committee on Rules reported the bill to the House, amended (H. Rept. 98-1142, Pt. I). Congress, however, did not enact the legislation.

The Salvadorans have also sought redress in litigation. However, in September 1984, the D.C. District Court held that the power to provide relief from deportation by grants of EVD is not statutory and is subject to the Attorney General's discretion (*Hotel and Restaurant Employees Union, Local 25 et. al. v. Smith*, DDC, Civil Action 82-2203, September 24, 1984).

The following is a discussion of the major issues that have been raised relating to the use of blanket discretionary relief.

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Definitional Issues

As noted earlier, the Administration has provided in the past blanket discretionary relief from deportation to members of certain national groups. However, the form(s) of available blanket relief are not specified in statute or regulation, and there is confusion regarding the nature of the relief provided, including criteria for receipt, and the benefits thus conferred.

The controversy surrounding the nature of blanket discretionary relief provided has recently focused on EVD, partially because the Administration currently labels past blanket relief as grants of EVD, though they weren't necessarily designated as such when the relief was granted. For example, in 1979, INS issued instructions to its field offices prohibiting the enforced departure of Nicaraguans and Ethiopians in cases where a final order of deportation had been entered. INS currently refers to this relief as instances of grants of EVD to those national groups. INS currently identifies 13 countries as those whose nationals have ever received EVD status. However, a 1982 INS report lists a somewhat different group of nationals as recipients of EVD status.

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The following table shows the countries noted in each instance:

INS' Current List Of National Groups Ever Receiving EVD <u>17/</u>	INS' 1982 Report List of National Groups Ever Receiving EVD <u>18/</u>
Afghanistan	Afghanistan
Cambodia	Cambodia
Cuba	Cuba
Chile	Chile
Czechoslovakia	Czechoslovakia
Dominican Republic	
Ethiopia	Ethiopia
	Hungary
Iran	Iran
Laos	Laos
	Lebanon
Nicaragua	Nicaragua
Poland	Poland
	Rumania
	Silva Letterholders <u>19/</u>
Uganda	Uganda
Vietnam	Vietnam

Finally, Gordon and Rosenfield, authors of a major immigration treatise, Immigration Law and Procedure, list countries whose nationals have received blanket temporary sanctuary through administrative actions in a variety of forms, including deferment of enforced departure, EVD, deferment of deportation hearings, or deferment of execution of deportation orders. 20/ They note that

17/ Information from INS, Detention and Deportation Section (see footnote 12).

18/ Immigration and Naturalization Service. Asylum Adjudications: An Evolving Concept and Responsibility for the Immigration and Naturalization Service. Washington, June and Dec., 1982. p. 67-68.

19/ Ibid., p. 68. The INS report notes that EVD was extended "to Silva letterholders (mainly Mexican nationals) on the likelihood that the House would pass a similar bill [to that passed by the Senate] legalizing many undocumented aliens now in the United States including all Silva cases. This action was unique in that it was the first time blanket extended voluntary departure was granted primarily for domestic policy considerations rather than a crisis in the foreign national's homeland. . . ."

20/ Gordon and Rosenfield, v. 1A. p. 5-48.

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this temporary sanctuary has been provided at various points in time to seven national groups, as follows: Ethiopia, Iran, Lebanon, Nicaragua, Poland, Uganda, and Yugoslavia. However, they also note the administrative use of parole, another discretionary procedure which is now allowed under statute on a case-by-case basis, to allow temporary harborage of aliens applying for admission to the U.S. Under this procedure, aliens are "paroled" into the U.S. and are not regarded as having been admitted. Gordon and Rosenfield note that "this is a device of wide flexibility" and that the term is "nowhere defined" and "may encompass a variety of situations in which temporary entry or stay in the United States is authorized." 21/ They further note that while prior to 1980, this procedure was used to admit thousands of refugees, the Refugee Act of 1980 prohibited the use of parole for admission of refugee groups while allowing its use for the admission of individual refugees at the Attorney General's discretion. 22/

Many of the national groups on the INS lists were, in fact, accorded refugee status legislatively at some point after blanket relief was made available (see p. 6-7). The original blanket relief may, thus, have been parole rather than EVD. Parole was certainly utilized to allow certain Haitians and Cubans who entered the U.S. during the 1980 Mariel boatlift and who were in INS proceedings as of October 10, 1980, to remain in the U.S.

It is difficult to know with any certainty what form of relief was actually accorded in each instance though it seems clear that relief in some form was made available.

21/ Ibid., p. 2-369.

22/ Ibid., p. 2-372.

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Questions regarding the nature of blanket relief made available in the past are exacerbated by the lack of consistent guidelines specifying criteria for awarding relief. As noted earlier, such relief is not covered by either statute or regulations. An example of the confusion this has generated is shown by comparing articulated criteria for EVD status. The 1982 INS report states that EVD is a temporary status, granted for varying periods, in the form of a blanket determination covering all nationals of a particular country. 23/ The report says that the status is granted by the Attorney General upon the recommendation of the Department of State (DOS), and that the basis for granting the status is "unexpected crises--war, political upheaval, etc., . . . which could jeopardize the lives of visitors in the U.S. if they returned during the crises." 24/

In contrast, both INS and DOS currently define EVD somewhat differently than the INS report, emphasizing that the grant of EVD is not based on specific criteria relating to violence or political stability in the country of origin. 25/

Gordon and Rosenfield, however, in describing grants of temporary sanctuary (provided by a variety of mechanisms, including EVD) note that they are to allow nationals from countries undergoing active hostilities or other dangerous conditions to remain in the U.S. 26/

23/ Asylum Adjudications, p. 65.

24/ Ibid.

25/ Hearing on H.R. 4447, Temporary Suspension of Deportation of Certain Aliens, p. 71-113.

26/ Gordon and Rosenfield, v. 1A. p. 5-48.

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Alleged Inconsistencies in Grants of Relief

As noted earlier, the procedures for providing blanket relief from deportation are not defined by statute or regulation and it appears that implementation of blanket relief suffers from inconsistencies.

For example, according to the 1982 INS report, there is much confusion both within INS and among the general public regarding EVD status. According to the report, "extended voluntary departure is not well understood or consistently handled within INS." 27/ The report argues that "this lack of understanding springs in part from the fact that in the past extended voluntary departure programs took many forms. They were granted for different periods of time; sometimes with a cut-off date, sometimes without; sometimes INS required that asylum claims be filed, sometimes not; sometimes INS processed the claims, sometimes not; sometimes groups were able to adjust to permanent resident status, others returned to their homelands; etc." 28/

The INS report further notes that INS personnel are often unaware of existing blanket relief that has been made available to national groups and they, thus, do not consistently enforce the policies.

Further inconsistencies are charged regarding decisions made as to what national groups receive blanket relief. It is argued by various church, civil liberties groups, and others, that the blanket relief should be based on humanitarian concerns. Critics have argued that the U.S. provides blanket relief to alleviate the humanitarian plight of selected national groups unequally. 29/

27/ Asylum Adjudications, p. 66.

28/ Ibid., p. 69-70.

29/ See, for example, Hearing on H.R. 4447 and American Civil Liberties Union. Salvadorans in the U.S.; The Case for Extended Voluntary Departure. National Immigration and Alien Rights Project. Report No. 1. Washington, D.C. Dec. 1983.

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The role of the DOS in advising INS regarding grants of blanket relief has been criticized in this context as being based on foreign policy considerations. Further concern has been expressed that blanket relief should be awarded in situations where aliens fear the general violence if returned to their countries rather than being limited to cases where they fear political persecution (as defined for refugee status). Critics allege that this constitutes a failure of the U.S. to observe its obligations to provide sanctuary under the U.N. Convention and Protocol Relating to the Status of Refugees. 30/

In response, INS and DOS note that there is currently a procedure--asylum--available on a case-by-case basis for those who fear persecution on the basis of race, religion, nationality, membership in a social group, or political opinion. The current Administration stance regarding blanket relief is that the discretionary nature is necessary to weigh varying circumstances relating to various countries and that the decisions are not "readily susceptible to generalization or comparability." 31/

30/ Ibid., especially hearing on H.R. 4447. p. 140-141, 135-136.

31/ Hearing on H.R. 4447, Temporary Suspension of Deportation of Certain Aliens. p. 85.

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POLICY PROPOSALS/OPTIONS

The following describes the major policy options relating to grants of blanket relief from deportation for members of national groups and discusses the pros and cons of each.

Maintaining the Status Quo

Congress might choose to make no statutory changes in the procedures used for awarding blanket discretionary relief from deportation to certain national groups, leaving the grant of such relief to the Attorney General's discretion.

Pros

Opting to leave the grant of blanket discretionary relief from deportation to the discretion of the Attorney General would emphasize Congress' intent that the Attorney General should have discretion to make such decisions as they reflect and impact on U.S. immigration policy. This option would continue INS' existing role in terms of policy formulation and implementation in this area, and thus should not require additional funds or staff. In addition, it would not require congressional time or energy for formulating case-by-case or overall policy for blanket relief or for oversight. Consonant with the intent of the Refugee Act of 1980, which in part attempted to alleviate a piecemeal approach to grants of relief, this option would not embody in statute laws governing blanket relief for a single national group. This option would not establish a well-defined system for relief, the existence of which might serve as a magnet to draw further illegal migrants to the U.S. in anticipation of receiving such relief.

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Cons

The current system of allowing blanket relief from deportation at the Attorney General's discretion basically allows the Administration to exercise a practice similar to the earlier practice of providing blanket relief in the form of parole which is now prohibited under the Refugee Act of 1980. The present system has been criticized as being confusing and inconsistent, both to INS personnel and the general public. The lack of defined criteria and procedures for grants of relief have been identified as problem areas. The current system has also been criticized as being inhumane, based on political and foreign policy considerations rather than on the foreign nationals' needs for sanctuary, making the U.S. subject to international criticism for returning people to countries suffering from violent or unstable conditions and thus failing to fulfill its obligations to provide sanctuary under the U.N. Convention and Protocol Relating to the Status of Refugees. Under the current system, the Attorney General's discretion in cases of blanket relief has in large part been delegated to the DOS, an agency which has primarily foreign policy rather than immigration goals. The Administration has noted that a large number of the members of certain national groups in the U.S. who have not been granted blanket relief from deportation are requesting asylum, which requires a time-consuming case-by-case consideration by INS personnel. Grants of asylum, in addition, connote the possibility of a more permanent status in the U.S. than would blanket temporary relief from deportation. Moreover, INS personnel also continue to have responsibility for locating and processing those nationals who are in the U.S. illegally and have not officially requested sanctuary. Finally, maintaining the status quo does not clarify the U.S. Government's stance regarding providing sanctuary to aliens in cases where they fear general danger upon return to their countries rather than specific persecution as required for refugee status.

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Requiring or Recommending Internal Changes

Congress might enact legislation either requiring or recommending that INS prepare written policy and operational guidelines covering grants of blanket relief from deportation for national groups, including the criteria for such relief and procedures to be followed in such cases.

Pros

INS might be less vulnerable to criticisms for inconsistencies in grants of relief made if there were specific policies governing such grants and guidelines outlining the procedures to be followed. Moreover, guidelines might help enable INS personnel to implement the policy in a consistent manner, again deflecting criticism regarding INS' inconsistent application of blanket relief. Requiring INS to establish guidelines/policy without embodying these in statute would allow the Attorney General to retain discretion in providing grants of blanket relief while providing for identifiable criteria and procedures for implementing discretionary decisions. Consistent policy application and procedural guidelines would help alleviate a piecemeal approach to grants of relief by helping assure national groups are treated similarly in similar circumstances. It would also help assure equitable treatment for all alien groups by defining what the treatment will be. Finally, it would make INS and (the U.S.) less vulnerable to criticisms regarding humanitarian concerns by publicly announcing U.S. policy regarding blanket humanitarian relief (outside the asylum/refugee processes). This option provides an implicit congressional sanction of the Administration's practice of using grants of blanket relief when they feel such is appropriate.

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Cons

The policy adopted by INS might not address concerns that have been expressed regarding what national groups should be entitled to relief and what the criteria for such relief should be. This is of particular note with regard to international criticisms relating to U.S. humanitarian obligations in light of INS' current stance that blanket relief in the form of EVD is not intended to address the plight of aliens whose countries are suffering violent conditions and that foreign policy considerations are also important. It might not reduce the dominant DOS role in determining when such grants are appropriate. In addition, the guidelines might not be detailed enough to assure consistency of application. Established guidelines might lead to greater numbers of nationals being aware of grants of blanket relief and seeking this relief, further increasing INS' processing responsibilities. Moreover, written policy and guidelines may make the grant of relief seem less discretionary and may, as an established system, encourage further illegal immigration in anticipation of future grants of relief. Finally, INS may not see the need for greater definition of policy or guidelines and agency cooperation in implementation might be reduced.

Legislative Mandate for Individual National Groups

Congress might enact legislation to extend temporary blanket relief from deportation to individual national groups (as proposed for the Salvadorans) when circumstances warrant such actions.

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Pros

This approach would allow for congressional flexibility in determining the need for relief in each circumstance. It would allow for a full and open inquiry into and debate of the situation and would clarify the purposes of and need for relief in each instance. It would provide Congress with control over the grant of blanket relief in situations where Congress feels it is justified. It would relieve the Attorney General of discretion in single instances while continuing to allow for his general discretion in this area. It would emphasize the congressional--as opposed to the administrative--role in determining U.S. policy regarding the purpose(s) of this type of sanctuary, allowing for grants of relief in cases of general violence if Congress so designates. Congressional action in formulating the policy could also mitigate criticisms regarding U.S. international responsibilities for providing sanctuary. This approach would emphasize the special nature of grants of relief, as temporary one-time enactments rather than as general overall policy changes.

Cons

This approach would constitute a piecemeal approach to grants of relief, a system which Congress attempted to repudiate with passage of the Refugee Act of 1980. In addition, grants of relief to individual countries might be dependent upon the political climate at the time relief is sought, leading to charges of inconsistent application. Individual legislative grants of relief might be based on inconsistent criteria. This approach to granting relief would require considerable congressional time, as the plight of each national group would have to be considered and weighed separately. Moreover, INS would still have to be involved in processing the members of the national groups so that

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this approach might not considerably reduce INS' workload. Finally, this approach would, in essence, create two possible avenues of relief--administrative discretion and statutory intervention. Such intervention might appear to reflect Congress' lack of confidence in the Attorney General's use of his discretionary authority in this area. In addition, INS might feel the individual grants of relief by Congress were unnecessary and agency cooperation might be reduced.

Permanent Statutory Authority

Congress might enact legislation to either allow or mandate grants of blanket relief to nationals of a country in certain specified circumstances, such as when the country suffers widespread violence or disorder. Such legislation could specify criteria for granting or denying relief, length of time for which such grants could be awarded, provisions for extensions of relief, etc.

Pros

This approach would allow Congress to specify consistent procedures and criteria for grants of relief for all national groups. It would establish a process whereby grants of blanket relief would be considered under a single defined process rather than on a piecemeal basis. It would emphasize the congressional role in delineating policy affecting large numbers of aliens (similar to refugees) as opposed to delegating to the Administration discretion to act on a case-by-case basis. It would also stress the congressional role in developing and delineating policy relating to the U.S. provision of sanctuary for nationals fearing return to their native countries because of widespread violence as opposed to fear of persecution based on the refugee definition. Finally, this approach would provide for congressional control/oversight for situations relating to blanket relief defined by Congress, while maintaining INS' discretion to provide relief on a case-by-case basis, as necessary.

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Cons

A statutory system would curb the Attorney General's discretion in determining when blanket relief is in the best interest of U.S. immigration and foreign policies. A statutory system might encourage entry of additional undocumented aliens hoping to receive such relief. It would not necessarily reduce INS' workload, since INS staff would probably continue to process nationals granted such relief. Moreover, it might increase INS' workload in terms of promulgating regulations for implementing the statutorily-required system. From INS' point of view, the statutory system might seem unnecessary and agency cooperation in implementation might be reduced.

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APPENDIX: STATUTORY FORMS OF RELIEF FROM DEPORTATION 32/

Mandated Relief

Relief from deportation is mandated by statute in three instances:

1. In cases where the spouse, parent, or child of a U.S. citizen or lawful permanent resident would otherwise be deportable because they were excludable at the time of their entry to the U.S. on the basis of having procured or having sought to procure entry by fraud or misrepresentation (INA, Sec. 241(f)).

2. In cases where aliens have received a full and unconditional pardon by the President of the U.S. or by a State Governor after being convicted of a crime involving moral turpitude (and who would thus otherwise be deportable), except in cases involving drug addiction, possession, or trafficking. The mandated relief also applies if the court sentencing the alien recommends within 30 days of sentencing that the alien not be deported, after having given prior notice to involved parties (INA, Sec. 241(b)).

3. In cases where--if deported--the alien's life or freedom would be threatened on account of race, religion, nationality, membership in a particular social group, or political opinion, except for those aliens who persecuted or assisted in persecuting others, constitute a danger to persons in or the security of the U.S., or have committed a serious nonpolitical crime outside the U.S. (INA, Sec. 243(h)).

32/ See footnote 1.

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Discretionary Relief

Immigration law provides for two forms of temporary discretionary relief from deportation--voluntary departure and asylum. The law also provides for four forms of permanent discretionary relief from deportation--suspension of deportation, registry, adjustment of status, and waivers under INA, Sec. 212(c). The following is a brief summary of the statutory requirements in each case.

Voluntary Departure

The statute allows the Attorney General, in his discretion, to permit an alien who is subject to deportation proceedings for certain specified causes to depart voluntarily from the U.S. at his own expense within a period of time (which under INS regulations is specified by the immigration judge) in lieu of being deported if the alien establishes his good moral character for at least 5 years prior to his application for voluntary departure, with certain exceptions. Under immigration regulations, an INS district director may also, at his discretion, grant extensions to the period set for voluntary departure, thus in effect allowing the alien to remain for indefinite periods in the U.S. (INA, Sec. 244(e), 8 CFR 244.1 and 244.2).

Asylum

The Attorney General may, at his discretion, grant asylum to aliens in the U.S. or at U.S. land borders or ports of entry (including those who entered without proper documentation or are in illegal status and would be subject to deportation proceedings) if it is determined the alien meets the definition of refugee under immigration law. The definition of refugee requires the person

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to be unable or unwilling to return to their country because of persecution or a well-founded fear of persecution based on race, religion, nationality, membership in a social group, or political opinion. To be eligible for the status, the alien cannot have persecuted or assisted in the persecution of others. Under INS regulations, the burden of proof is on the alien to establish eligibility for asylum. After one year in asylum status, aliens may request adjustment to permanent resident status (INA, Sec. 208, 8 CFR 208).

Suspension of Deportation

Immigration law provides that the Attorney General may, in his discretion, suspend deportation and adjust aliens to lawful permanent resident status if: they apply; have been physically present in the U.S. for either 7 or 10 years (depending on the seriousness of the reasons for deportability); prove they are of good moral character; and their deportation would result in extreme hardship to the alien or the immediate family who are citizens or lawful permanent residents (INS, Sec. 244).

Registry

Under immigration law, the Attorney General may create a record of lawful admission for permanent residence at his discretion for an alien who entered the U.S. prior to June 30, 1948, if the alien is not inadmissible to the U.S. on the basis of exclusions relating to criminals, procurers and other immoral persons, subversives, violators of the narcotic laws, or smugglers of aliens; has resided in the U.S. continuously since entry to the U.S.; is of good moral character; and is not ineligible for citizenship (INA, Sec. 249).

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Adjustment of Status

Immigration law allows the Attorney General, at his discretion, to adjust to permanent resident status aliens who have been inspected and admitted or paroled into the U.S. (thus not applicable to aliens who enter the U.S. without inspection) if: the alien applies; the alien is admissible to the U.S. as an immigrant; and an appropriate immigrant visa is available at the time of filing. Adjustment of status is not available to alien crewmen; those in unauthorized employment prior to filing for adjustment; and those admitted in transit without a visa (INA, Sec. 245).

Waiver Under INA Sec. 212(c)

Under judicial and administrative interpretations of INA, Sec. 212(c), the Attorney General may, at his discretion, grant a waiver of the grounds of deportability to aliens lawfully admitted to the U.S. for permanent residence, who have lived in the U.S. for 7 consecutive years, and who are not subversives (INA, Sec. 212(c)).

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STATEMENTS & RELEASES

Statement from President Donald J. Trump

IMMIGRATION

Issued on: September 5, 2017



As President, my highest duty is to defend the American people and the Constitution of the United States of America. At the same time, I do not favor punishing children, most of whom are now adults, for the actions of their parents. But we must also recognize that we are nation of opportunity because we are a nation of laws.

The legislative branch, not the executive branch, writes these laws this is the bedrock of our Constitutional system, which I took a solemn oath to preserve, protect, and defend.

In June of 2012, President Obama bypassed Congress to give work permits, social security numbers, and federal benefits to approximately 800,000 illegal immigrants currently between the ages of 15 and 36. The typical recipients of this executive amnesty, known as DACA, are in their twenties. Legislation offering these same benefits had been introduced in Congress on numerous occasions and rejected each time.

In referencing the idea of creating new immigration rules unilaterally, President Obama admitted that “I can’t just do these things by myself” and yet that is exactly what he did, making an end run around Congress and violating the core tenets that sustain our Republic.

Officials from 10 States are suing over the program, requiring my Administration to make a decision regarding its legality. The Attorney General of the United States, the Attorneys General of many states, and virtually all other top legal experts have advised that the program is unlawful and unconstitutional and cannot be successfully defended in court.

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There can be no path to principled immigration reform if the executive branch is able to rewrite or nullify federal laws at will.

The temporary implementation of DACA by the Obama Administration, after Congress repeatedly rejected this amnesty first approach, also helped spur a humanitarian crisis the massive surge of unaccompanied minors from Central America including, in some cases, young people who would become members of violent gangs throughout our country, such as MS 13.

Only by the reliable enforcement of immigration law can we produce safe communities, a robust middle class, and economic fairness for all Americans.

Therefore, in the best interests of our country, and in keeping with the obligations of my office, the Department of Homeland Security will begin an orderly transition and wind down of DACA, one that provides minimum disruption. While new applications for work permits will not be accepted, all existing work permits will be honored until their date of expiration up to two full years from today. Furthermore, applications already in the pipeline will be processed, as will renewal applications for those facing near term expiration. This is a gradual process, not a sudden phase out. Permits will not begin to expire for another six months, and will remain active for up to 24 months. Thus, in effect, I am not going to just cut DACA off, but rather provide a window of opportunity for Congress to finally act.

Our enforcement priorities remain unchanged. We are focused on criminals, security threats, recent border crossers, visa overstays, and repeat violators. I have advised the Department of Homeland Security that DACA recipients are not enforcement priorities unless they are criminals, are involved in criminal activity, or are members of a gang.

The decades long failure of Washington, D.C. to enforce federal immigration law has had both predictable and tragic consequences: lower wages and higher unemployment for American workers, substantial burdens on local schools and hospitals, the illicit entry of dangerous drugs and criminal cartels, and many billions of dollars a year in costs paid for by U.S. taxpayers. Yet few in Washington expressed any compassion for the millions of Americans victimized by this unfair system. Before we ask what is fair to illegal immigrants, we must also ask what is fair to American families, students, taxpayers, and jobseekers.

Congress now has the opportunity to advance responsible immigration reform that puts American jobs and American security first. We are facing the symptom of a larger problem, illegal immigration, along with the many other chronic immigration problems Washington has left unsolved. We must reform our green card system, which now favors low skilled immigration and puts immense strain on U.S. taxpayers. We must base future immigration on merit we want those coming into the country to be able to support themselves financially, to contribute to our economy, and to love our country and the values it stands for. Under a merit based system, citizens will enjoy higher employment, rising wages, and a stronger middle class. Senators Tom Cotton and David Perdue have introduced the RAISE Act, which would establish this merit based system and produce lasting gains for the American People.

I look forward to working with Republicans and Democrats in Congress to finally address all of these issues in a manner that puts the hardworking citizens of our country first.

As I've said before, we will resolve the DACA issue with heart and compassion but through the lawful Democratic process while at the same time ensuring that any immigration reform we adopt provides enduring benefits for the American citizens we were elected to serve. We must also have heart and compassion for unemployed, struggling, and forgotten Americans.

Above all else, we must remember that young Americans have dreams too. Being in government means setting priorities. Our first and highest priority in advancing immigration reform must be to improve jobs, wages and security for American workers and their families.

It is now time for Congress to act!



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Testimony of Pareen Mhatre

Student

Member, Improve The Dream

Submitted to the House Judiciary Committee's

Subcommittee on Immigration and Citizenship

**Hearing on “‘Why Don’t They Just Get in Line?’ Barriers to Legal
Immigration”**

April 28, 2021

Chairwoman Lofgren, Ranking Member McClintock, and members of the subcommittee, I thank you for giving me the opportunity to share my story with you.

My name is Pareen Mhatre. I am currently a third-year biomedical engineering student at the University of Iowa. I am also a member of Improve The Dream, a youth-led advocacy organization bringing awareness for more than 200,000 children of long-term visa holders who face self-deportation,¹ even though we have grown up in the United States with a documented status. We are advocating for change that permanently ends "aging-out" of the immigration system,² and provides a pathway to citizenship for children of long-term visa holders who grow up in the United States. Multiple issues in our broken immigration system have caused these children to age out of their dependent statuses and self-deport, while many are on the verge of aging out. This means children who have grown up here will potentially be separated from their families when they lose legal dependent status after they turn 21 years old. I am one of these children. I am a Documented Dreamer.

I was born in India, and my parents brought me to the United States when I was four months old in August 2000. My mother arrived on a student visa, while my father and I were on dependent visas. We lived in Cincinnati, Ohio for about a year. After that, my family moved to Iowa City, Iowa in 2001, where both my parents completed their education on student visas. My mother has completed master's degrees in German, Educational Psychology, and Business Administration. My father completed his bachelor's degree and his master's degree in Computer Science at the University of Iowa. Both my parents started to work for the University of Iowa after completing their education. This was when my status changed to an H4 dependent visa in 2008. My mother works at College of Nursing, providing support for nursing education, and my father works at College of Medicine, giving critical information technology support for healthcare systems. My parents' employer filed for their green cards in 2012.

¹ David Bier, "House Bill Provides Path to Citizenship for Most Legal Dreamers", 2021, available at <https://www.cato.org/blog/house-bill-provides-path-citizenship-most-legal-dreamers>

² USCIS, "Chapter 2 - Definition of Child and Residence for Citizenship and Naturalization", current as of 2021, available at <https://www.uscis.gov/policy-manual/volume-12-part-h-chapter-2>

Having lived in this country for most of my life, I feel American in every way. I took my first steps as an infant in Cincinnati, Ohio, I learned how to speak and read in Iowa City. I learned how to ride a bike about a mile from my current home. I have attended kindergarten through high school in the Iowa City Community School District, and now I am in my third year of college at University of Iowa. My roots are here in Iowa. I have been brought up as a Midwestern American. This small, lively town and its residents have made me into a community-oriented individual. While volunteering for many organizations, including the Iowa City Public Library, University of Iowa Hospitals and Clinics, and the City of Iowa City, getting involved in various student organizations from elementary school up to college, and making lifelong connections, I have realized that the United States is the only country I have ever known. While I am a citizen of India on paper, it is a country that I do not know. I am foreign when I visit because I feel like an Iowan and American at heart.

I have also had the opportunity to represent my high school at many national and state-level competitions, such as TEAMS (Tests of Engineering Aptitude, Mathematics and Science), JETS (Junior Engineering Technical Society), FIRST (For Inspiration and Recognition of Science and Technology) Robotics Competition, and Science Olympiad. Individually, as well as in teams, I have also won awards in many of them. In addition to this, I held dual positions of the Online Managing Editor and the Photo Editor for West Side Story – my high school newspaper. I was able to gain leadership experience by being a part of my high school's student senate for 3 years, and during my senior year of high school, I was selected to be the member of West High Principal's Advisory Committee.

During my time in the Iowa City Community School District, at every step of the way, I formed relationships with teachers and students that have had a life-long impact on me. Mrs. Riepe in elementary school guided me to lead. Mr. Norton in middle school gave me the confidence in my math skills that would one day allow me to choose engineering as my major. And Mr. Gross in high school encouraged me to speak up on unjust issues.

Throughout our family's journey of almost 21 years here, we have received love and help from many wonderful people of this country, and we are very much grateful for it. At the same time, our hearts break when we think of my future immigration status, and that of many other

Documented Dreamers. Due to the uncertainty of my situation, I have been in constant fear and worry for the past 5 or so years. I applied to colleges as an international student, despite not living in the country of my citizenship, like many Documented Dreamers. In addition to being an international student on the campus that I, very literally, grew up on, I have not been able to apply for any internships, which is an integral part of the holistic student experience.

I am now a junior at the University of Iowa majoring in biomedical engineering and minoring in business administration. As someone who is studying in the STEM field and would like to design and create medical devices and equipment, internships are one of the few ways through which students can acquire work experience. This has put me behind professionally, compared to my peers. As a result of the barriers I have faced, not only professionally, but also as a community member, and the daily worry of my situation, I have been diagnosed with clinical depression, generalized anxiety disorder, and panic disorder. I have been seeing a therapist for more than a year because I reached a point where I could not cope alone, and I needed help.

In July 2020, I applied for a change of status to F1 student, and my application for a change of status to B2 bridge was submitted in early April 2021. However, both applications for change of statuses are pending. I also turned 21 less than two weeks ago, so I can no longer have dependent status. I essentially aged out of the system. The processing delays for these applications have increased my anxiety. Additionally, it is not a guarantee to be approved for a F1 student visa. Children who were raised in the United States on long-term visas like me are often denied a student visa because they are unable to show ties to their country of birth.³ I could potentially be denied only because I have no ties to India on my own, and have spent most of my life here.

If my applications are denied, I will be immediately out of status, and will need to self-deport. This will hurt me not just mentally, but also professionally, because I will have to stop my education towards obtaining a degree in biomedical engineering here, when I have completed 3/4th of the curriculum. I will have to start over, and honestly, I do not know if I will be able to

³ Boston University, "Proving Nonimmigrant Intent", current as of 2021, available at <https://www.bu.edu/isso/travel-visas/apply-for-a-visa/initial-visa-application/intent/>

do that. In addition to this, my family will be torn apart and all our lives will be in complete distress. I am the only child of my parents. Everything that my parents and I have worked for up until now will be lost. Our American dream that we hoped to pursue will vanish. My story might sound unique, however, there are hundreds of thousands of documented children who will or have gone through what I am experiencing. We are not just a statistic; the consequences are real for us.

Aging out is not the only issue we face. If my applications are approved, I'll be able to complete my education here, and maybe receive an H1-B work visa later. But again, the chances of acquiring an H1-B visa are low, because out of 275,000 applicants, only 85,000 are selected.⁴ And even after going through the entire process for the employment-based green card, I'll be at the back of the line for people born in India.

Even after spending nearly my entire life here, I am still encountering the same hurdles as newly arrived international students. In fact, I am not even allowed to enroll in any classes from the end of this current academic semester until my application for change of status is approved. This means that I cannot take summer courses that are necessary for me to complete and graduate in a timely manner.

Despite following laws meticulously and maintaining stacks of legal documentation at all times, all odds appear to be against people like me. This story is not just mine. More than 200,000 children and families share my story. I joined Improve The Dream to help advocate and raise awareness for this issue along with others who are in a similar situation. We are grateful for our voice being recognized with our inclusion in the recently passed Dream and Promise Act.

Chairwoman Lofgren, we are extremely thankful to you for this positive change and hope that going forward, all solutions for Dreamers will include Documented Dreamers like us.

⁴ USCIS, "FY 2021 H-1B Cap Petitions May Be Filed as of April 1", 2020, available at <https://www.uscis.gov/news/news-releases/fy-2021-h-1b-cap-petitions-may-be-filed-as-of-april-1>

However, I hope that this committee can go a step further and permanently end aging-out by creating mechanisms to prevent it from happening. I also hope the underlying root causes of aging out are addressed. More than 200,000 families in the United States, including mine, have followed the laws. We have maintained legal status, and speaking for my family, we have been here for almost a generation. This issue only highlights our plight. We have gotten in line. But our efforts have yet to see any success.

Chairwoman Lofgren, Ranking Member McClintock, and the members of this subcommittee: Thank you for your time today and thank you for giving me this opportunity to share my story with you. I only ask that you consider the stories of families and Documented Dreamers and help us achieve a permanent solution. We are firmly rooted here in this community and in this country, but just not on paper. I request that you consider the children and the families who have had hopes in pursuing the American dream, the families that are being torn apart, despite maintaining a documented status. Our roots are American. This land of the free, this beautiful and generous nation is our home. I hope that you can Improve the Dream for the thousands of children and families who only want a chance at the American Dream.

Thank you again and I look forward to answering any questions you may have.



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Civilian labor force participation rate by age, sex, race, and ethnicity

Other available formats: ([XLSX](#))**Table 3.3 Civilian labor force participation rates by age, sex, race, and ethnicity, 2000, 2010, 2020, and projected 2030 (in percent)**

Group	Participation rate, 2000	Participation rate, 2010	Participation rate, 2020	Participation rate, 2030	Participation rate change, 2000–10	Participation rate change, 2010–20	Participation rate change, 2020–30	Compound annual rate of change, 2000–10	Compound annual rate of change, 2010–20	Compound annual rate of change, 2020–30
Total, 16 years and older	67.1	64.7	61.7	60.4	-2.4	-3.0	-1.4	-0.4	-0.5	
16 to 24	65.8	55.2	53.9	49.6	-10.6	-1.3	-4.3	-1.7	-0.2	
16 to 19	52.0	35.0	34.5	28.1	-17.0	-0.4	-6.4	-3.9	-0.1	
20 to 24	77.8	71.4	69.3	66.4	-6.4	-2.1	-2.8	-0.9	-0.3	
25 to 54	84.0	82.2	81.4	81.4	-1.9	-0.7	-0.1	-0.2	-0.1	
25 to 34	84.6	82.2	81.4	80.9	-2.5	-0.8	-0.5	-0.3	-0.1	
35 to 44	84.8	83.2	82.2	81.9	-1.6	-1.0	-0.3	-0.2	-0.1	
45 to 54	82.5	81.2	80.6	81.2	-1.4	-0.6	0.6	-0.2	-0.1	
55 and older	32.4	40.2	39.2	38.6	7.9	-1.1	-0.5	2.2	-0.3	
55 to 64	59.3	64.9	64.7	68.6	5.7	-0.2	4.0	0.9	0.0	
65 to 74	19.2	25.7	26.6	32.0	6.4	1.0	5.3	2.9	0.4	
75 and older	5.3	7.4	8.9	11.7	2.1	1.6	2.7	3.3	2.0	
Men, 16 years and older	74.8	71.2	67.7	65.1	-3.6	-3.5	-2.5	-0.5	-0.5	
16 to 24	68.6	56.8	54.6	48.9	-11.8	-2.2	-5.7	-1.9	-0.4	
16 to 19	52.8	34.9	34.1	27.1	-17.9	-0.7	-7.0	-4.1	-0.2	
20 to 24	82.6	74.5	71.0	66.1	-8.1	-3.6	-4.9	-1.0	-0.5	
25 to 54	91.6	89.3	87.9	86.6	-2.4	-1.4	-1.2	-0.3	-0.2	
25 to 34	93.4	89.7	87.1	85.1	-3.7	-2.5	-2.1	-0.4	-0.3	
35 to 44	92.7	91.5	89.7	88.7	-1.2	-1.8	-1.0	-0.1	-0.2	
45 to 54	88.6	86.8	86.8	86.0	-1.8	0.0	-0.8	-0.2	0.0	
55 and older	40.1	46.4	45.1	43.3	6.3	-1.3	-1.8	1.5	-0.3	
55 to 64	67.3	70.0	70.7	72.4	2.7	0.8	1.7	0.4	0.1	
65 to 74	24.6	30.4	31.5	36.3	5.9	1.0	4.9	2.2	0.3	
75 and older	8.1	10.4	11.8	14.4	2.3	1.4	2.6	2.5	1.3	
Women, 16 years and older	59.9	58.6	56.2	55.8	-1.3	-2.4	-0.4	-0.2	-0.4	
16 to 24	63.0	53.6	53.2	50.4	-9.4	-0.3	-2.8	-1.6	-0.1	
16 to 19	51.1	35.0	34.9	29.1	-16.1	-0.1	-5.8	-3.7	0.0	
20 to 24	73.1	68.2	67.5	66.7	-4.8	-0.7	-0.8	-0.7	-0.1	
25 to 54	76.7	75.2	75.1	76.1	-1.5	-0.1	1.0	-0.2	0.0	
25 to 34	76.1	74.7	75.7	76.8	-1.4	1.0	1.2	-0.2	0.1	
35 to 44	77.2	75.2	75.0	75.0	-2.0	-0.2	0.1	-0.3	0.0	
45 to 54	76.8	75.7	74.7	76.6	-1.1	-1.1	1.9	-0.1	-0.1	
55 and older	26.1	35.1	34.0	34.6	8.9	-1.1	0.6	3.0	-0.3	
55 to 64	51.9	60.2	59.1	65.1	8.3	-1.2	6.0	1.5	-0.2	
65 to 74	14.9	21.6	22.4	28.1	6.7	0.8	5.7	3.8	0.4	

Footnotes:

(1) The "all other groups" category includes (1) those classified as being of multiple racial origin and (2) the race categories of (2a) Asian, (2b) American Indian and Alaska N or (2c) Native Hawaiian and Other Pacific Islanders.

Note: Historic data may not match BLS' Current Populations Survey (CPS) data due to rounding at different aggregate levels.

Source: Employment Projections program, U.S. Bureau of Labor Statistics

AR2022_401017

Group	Participation rate, 2000	Participation rate, 2010	Participation rate, 2020	Participation rate, 2030	Participation rate change, 2000–10	Participation rate change, 2010–20	Participation rate change, 2020–30	Compound annual rate of change, 2000–10	Compound annual rate of change, 2010–20	Compound annual rate of change, 2020–30
75 and older	3.6	5.3	6.8	9.6	1.8	1.5	2.8	4.1	2.5	
White	67.3	65.1	61.8	60.2	-2.1	-3.3	-1.6	-0.3	-0.5	
Men	75.5	72.0	68.2	65.5	-3.5	-3.8	-2.8	-0.5	-0.5	
Women	59.5	58.5	55.7	55.1	-1.0	-2.9	-0.6	-0.2	-0.5	
Black	65.9	62.2	60.5	59.2	-3.6	-1.7	-1.3	-0.6	-0.3	
Men	69.2	65.0	62.6	59.9	-4.2	-2.5	-2.7	-0.6	-0.4	
Women	63.1	59.9	58.8	58.6	-3.2	-1.1	-0.2	-0.5	-0.2	
All other groups⁽¹⁾	66.7	64.2	62.8	62.9	-2.5	-1.3	0.0	-0.4	-0.2	
Men	75.3	71.6	69.5	68.8	-3.7	-2.1	-0.7	-0.5	-0.3	
Women	58.9	57.4	56.8	57.5	-1.5	-0.6	0.7	-0.3	-0.1	
Hispanic origin	69.7	67.5	65.6	64.7	-2.2	-1.9	-0.9	-0.3	-0.3	
Men	81.5	77.8	74.9	72.6	-3.7	-3.0	-2.2	-0.5	-0.4	
Women	57.5	56.5	56.4	56.8	-1.0	-0.1	0.4	-0.2	0.0	
Other than Hispanic origin	66.7	64.2	61.0	59.3	-2.5	-3.3	-1.7	-0.4	-0.5	
Men	73.9	70.0	66.1	63.2	-3.9	-3.9	-2.9	-0.5	-0.6	
Women	60.2	59.0	56.2	55.6	-1.3	-2.8	-0.5	-0.2	-0.5	
Age of baby boomers	36 to 54	46 to 64	56 to 74	66 to 84						

Footnotes:

(1) The "all other groups" category includes (1) those classified as being of multiple racial origin and (2) the race categories of (2a) Asian, (2b) American Indian and Alaska N or (2c) Native Hawaiian and Other Pacific Islanders.

Note: Historic data may not match BLS' Current Populations Survey (CPS) data due to rounding at different aggregate levels.

Source: Employment Projections program, U.S. Bureau of Labor Statistics

Last Modified Date: September 8, 2021

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ITEM	TITLE	seriesid	DATA TYPE	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SA0	All items	CUSR0000SA0	SEASONALLY ADJUSTED INDEX	2017	243.618	244.006	243.892	244.193	244.004	244.163	244.243	245.183	246.435	246.626	247.284	247.805
SA0	All items	CUSR0000SA0	SEASONALLY ADJUSTED INDEX	2018	246.74	249.439	249.380	251.119	250.218	250.118	251.707	252.749	252.228	255.267	255.610	255.255
SA0	All items	CUSR0000SA0	SEASONALLY ADJUSTED INDEX	2019	252.470	253.135	254.273	255.163	255.325	255.361	255.900	256.179	256.596	257.305	257.788	258.203
SA0	All items	CUSR0000SA0	SEASONALLY ADJUSTED INDEX	2020	258.682	259.007	258.165	256.094	255.944	257.217	258.543	259.580	260.190	262.357	261.700	261.564
SA0	All items	CUSR0000SA0	SEASONALLY ADJUSTED INDEX	2021	262.200	263.346	265.028	266.727	268.599	270.955	272.184	273.092	274.214	276.599	278.524	280.126
SA0	All items	CUSR0000SA0	SEASONAL FACTOR	2017	99.684	99.365	99.385	100.136	100.222	100.137	100.158	100.158	100.158	100.158	100.158	99.485
SA0	All items	CUSR0000SA0	SEASONAL FACTOR	2018	99.648	99.820	99.989	100.160	100.323	100.347	100.272	100.158	100.079	100.099	99.755	99.578
SA0	All items	CUSR0000SA0	SEASONAL FACTOR	2019	99.700	99.858	99.972	100.151	100.300	100.306	100.262	100.148	100.064	100.016	99.775	99.501
SA0	All items	CUSR0000SA0	SEASONAL FACTOR	2020	99.725	99.873	99.981	100.115	100.176	100.225	100.216	100.130	100.035	100.014	99.811	99.583
SA0	All items	CUSR0000SA0	SEASONAL FACTOR	2021	99.764	99.874	99.974	100.123	100.222	100.273	100.301	100.174	100.035	100.000	99.793	99.527
SA0	All items	CUSR0000SA0	UNADJUSTED INDEX	2017	242.839	245.603	245.801	245.733	244.733	244.855	244.788	245.518	246.819	247.689	248.669	249.432
SA0	All items	CUSR0000SA0	UNADJUSTED INDEX	2018	247.867	248.991	249.554	250.546	251.588	251.989	252.006	252.146	252.439	253.885	252.038	251.233
SA0	All items	CUSR0000SA0	UNADJUSTED INDEX	2019	251.712	252.776	254.202	255.548	256.092	256.143	256.571	256.558	256.759	257.346	257.208	256.974
SA0	All items	CUSR0000SA0	UNADJUSTED INDEX	2020	257.971	258.678	258.115	256.389	256.394	257.797	259.101	259.518	260.280	260.388	260.229	260.474
SA0	All items	CUSR0000SA0	UNADJUSTED INDEX	2021	261.582	263.014	264.877	265.954	269.195	271.696	273.003	273.567	274.310	276.589	277.948	278.802
SA0E	Energy	CUSR0000SA0E	SEASONALLY ADJUSTED INDEX	2017	205.369	204.133	202.528	202.954	198.449	197.808	195.994	201.450	212.723	208.328	213.047	213.574
SA0E	Energy	CUSR0000SA0E	SEASONALLY ADJUSTED INDEX	2018	216.872	220.381	216.925	218.268	220.632	221.473	219.718	222.435	223.444	226.462	219.267	212.673
SA0E	Energy	CUSR0000SA0E	SEASONALLY ADJUSTED INDEX	2019	205.540	208.699	216.376	221.758	219.680	214.666	215.850	213.169	213.222	216.620	214.235	219.786
SA0E	Energy	CUSR0000SA0E	SEASONALLY ADJUSTED INDEX	2020	217.803	214.119	203.912	182.889	179.542	188.437	192.556	194.285	196.876	196.435	196.399	203.649
SA0E	Energy	CUSR0000SA0E	SEASONALLY ADJUSTED INDEX	2021	209.328	218.944	231.127	228.374	229.874	234.625	238.847	242.958	245.847	255.010	261.217	263.553
SA0E	Energy	CUSR0000SA0E	SEASONAL FACTOR	2017	97.195	97.091	98.059	99.958	102.360	103.457	103.347	102.206	101.405	99.952	98.280	96.734
SA0E	Energy	CUSR0000SA0E	SEASONAL FACTOR	2018	97.137	96.886	97.985	100.257	102.800	103.460	103.344	102.025	101.218	99.689	98.469	96.936
SA0E	Energy	CUSR0000SA0E	SEASONAL FACTOR	2019	97.579	97.145	97.850	100.334	102.774	103.124	103.077	101.767	101.077	99.816	98.713	96.904
SA0E	Energy	CUSR0000SA0E	SEASONAL FACTOR	2020	97.815	97.308	97.872	100.105	101.968	102.623	102.653	101.584	101.007	100.012	98.996	97.302
SA0E	Energy	CUSR0000SA0E	SEASONAL FACTOR	2021	98.063	97.412	97.722	100.325	102.377	102.598	102.664	101.515	100.968	100.129	99.174	97.213
SA0E	Energy	CUSR0000SA0E	UNADJUSTED INDEX	2017	199.608	198.195	198.920	202.869	203.132	204.645	202.554	205.894	215.711	207.290	209.383	206.598
SA0E	Energy	CUSR0000SA0E	UNADJUSTED INDEX	2018	210.661	215.493	216.975	219.173	219.167	219.167	220.326	220.165	221.627	223.626	221.627	221.627
SA0E	Energy	CUSR0000SA0E	UNADJUSTED INDEX	2019	200.563	202.740	211.724	222.499	225.773	221.373	222.492	216.978	215.418	215.318	216.978	212.982
SA0E	Energy	CUSR0000SA0E	UNADJUSTED INDEX	2020	213.043	208.354	199.573	183.081	183.076	193.379	197.665	197.362	198.858	196.458	194.388	198.155
SA0E	Energy	CUSR0000SA0E	UNADJUSTED INDEX	2021	205.273	213.277	225.861	221.166	235.339	240.720	244.800	246.639	248.228	255.338	259.100	256.207
SA0L1	All items less food	CUSR0000SA0L1	SEASONALLY ADJUSTED INDEX	2017	243.265	244.006	243.892	244.193	244.004	244.163	244.243	245.183	246.435	246.626	247.284	247.805
SA0L1	All items less food	CUSR0000SA0L1	SEASONALLY ADJUSTED INDEX	2018	246.186	248.987	249.126	249.685	250.414	250.764	250.941	251.377	251.903	252.650	252.313	252.052
SA0L1	All items less food	CUSR0000SA0L1	SEASONALLY ADJUSTED INDEX	2019	251.852	252.488	253.720	254.786	254.893	254.928	255.533	255.826	256.223	256.965	257.441	257.932
SA0L1	All items less food	CUSR0000SA0L1	SEASONALLY ADJUSTED INDEX	2020	258.292	258.540	257.435	254.444	253.983	255.246	256.939	258.092	258.773	258.892	259.318	260.150
SA0L1	All items less food	CUSR0000SA0L1	SEASONALLY ADJUSTED INDEX	2021	260.798	262.063	263.941	265.756	267.723	270.140	271.216	272.156	273.061	275.426	277.328	278.963
SA0L1	All items less food	CUSR0000SA0L1	SEASONAL FACTOR	2017	99.618	99.805	99.862	100.148	100.344	100.363	100.266	100.120	100.038	99.893	98.781	96.904
SA0L1	All items less food	CUSR0000SA0L1	SEASONAL FACTOR	2018	99.587	99.792	99.990	100.173	100.367	100.403	100.309	100.179	100.085	99.994	99.740	99.426
SA0L1	All items less food	CUSR0000SA0L1	SEASONAL FACTOR	2019	99.651	99.837	99.970	100.160	100.340	100.352	100.299	100.166	100.069	100.030	99.766	99.511
SA0L1	All items less food	CUSR0000SA0L1	SEASONAL FACTOR	2020	99.684	99.855	99.979	100.119	100.198	100.256	100.239	100.145	100.038	100.000	99.810	98.542
SA0L1	All items less food	CUSR0000SA0L1	SEASONAL FACTOR	2021	99.739	99.857	99.967	100.127	100.229	100.264	100.297	100.163	100.086	99.896	98.781	96.904
SA0L1	All items less food	CUSR0000SA0L1	UNADJUSTED INDEX	2017	241.994	242.791	242.962	243.708	243.906	244.218	243.937	244.740	245.638	245.926	246.610	247.284
SA0L1	All items less food	CUSR0000SA0L1	UNADJUSTED INDEX	2018	247.161	248.469	249.102	250.117	251.333	251.775	251.716	251.827	252.166	252.636	251.657	250.605
SA0L1	All items less food	CUSR0000SA0L1	UNADJUSTED INDEX	2019	250.974	252.077	253.643	255.194	255.799	255.825	256.286	256.250	256.401	256.973	256.973	256.973
SA0L1	All items less food	CUSR0000SA0L1	UNADJUSTED INDEX	2020	252.476	253.065	253.466	254.746	254.466	254.746	254.746	254.746	254.746	254.746	254.746	254.746
SA0L1	All items less food	CUSR0000SA0L1	UNADJUSTED INDEX	2021	260.098	261.688	263.775	266.093	268.394	270.975	272.186	272.680	273.165	275.379	276.747	277.506
SA0L12	All items less food and shelter	CUSR0000SA0L12	SEASONALLY ADJUSTED INDEX	2017	221.052	221.196	220.660	220.750	219.995	219.956	219.772	220.740	222.421	222.173	222.974	223.274
SA0L12	All items less food and shelter	CUSR0000SA0L12	SEASONALLY ADJUSTED INDEX	2018	224.334	225.244	224.984	225.396	225.958	226.285	226.162	226.378	226.886	227.578	226.707	226.918
SA0L12	All items less food and shelter	CUSR0000SA0L12	SEASONALLY ADJUSTED INDEX	2019	226.261	226.905	227.051	227.051	227.051	227.051	227.051	227.051	227.051	227.051	227.051	227.051
SA0L12	All items less food and shelter	CUSR0000SA0L12	SEASONALLY ADJUSTED INDEX	2020	229.336	229.859	229.811	223.225	222.944	223.623	226.760	228.213	229.052	229.052	229.496	230.497
SA0L12	All items less food and shelter	CUSR0000SA0L12	SEASONALLY ADJUSTED INDEX	2021	231.273	232.866	235.176	237.249	239.627	242.460	243.458	244.451	245.134	247.858	249.892	251.159
SA0L12	All items less food and shelter	CUSR0000SA0L12	SEASONAL FACTOR	2017	99.423	99.703	99.931	100.250	100.565	100.579	100.368	100.204	100.250	99.989	99.613	99.596
SA0L12	All items less food and shelter	CUSR0000SA0L12	SEASONAL FACTOR	2018	99.395	99.690	99.925	100.250	100.565	100.579	100.368	100.204	100.250	99.989	99.613	99.596
SA0L12	All items less food and shelter	CUSR0000SA0L12	SEASONAL FACTOR	2019	99.456	99.763	99.937	100.247	100.525	100.504	100.399	100.202	100.084	100.024	99.691	99.212
SA0L12	All items less food and shelter	CUSR0000SA0L12	SEASONAL FACTOR	2020	99.561	99.796	99.951	100.181	100.306	100.357	100.351	100.173	100.107	100.022	99.756	99.355
SA0L12	All items less food and shelter	CUSR0000SA0L12	SEASONAL FACTOR	2021	99.622	99.790	99.881	100.100	100.380	100.422	100.440	100.238	100.034	100.007	99.740	99.290
SA0L12	All items less food and shelter	CUSR0000SA0L12	UNADJUSTED INDEX	2017	219.777	220.902	221.688	222.902	223.688	224.191	224.191	224.191	224.191	224.191	224.191	224.191
SA0L12	All items less food and shelter	CUSR0000SA0L12	UNADJUSTED INDEX	2018	222.971	224.545	224.927	226.011	227.240	227.608	227.122	226.890	227.127	227.127	227.127	227.127
SA0L12	All items less food and shelter	CUSR0000SA0L12	UNADJUSTED INDEX	2019	224.129	225.199	226.099	228.655	229.061	228.659	228.952	228.658	228.479	229.222	228.802	229.109
SA0L12	All items less food and shelter	CUSR0000SA0L12	UNADJUSTED INDEX	2020	228.926	229.390	229.009	224.331	223.627	225.426	227.475	228.608	229.142	229.102	228.936	229.210
SA0L12	All items less food and shelter	CUSR0000SA0L12	UNADJUSTED INDEX	2021	230.398	232.376	234.896	237.700	240.537	243.483	244.528	245.033	245.218	247.875	249.264	249.810
SA0L12E	All items less food, shelter, and energy	CUSR0000SA0L12E	SEASONALLY ADJUSTED INDEX	2017	228.382	228.699	229.006	229.257	229.504	229.743	229.902	229.683	230.108	230.393	230.638	230.882
SA0L12E	All items less food, shelter, and energy	CUSR0000SA0L12E	SEASONALLY ADJUSTED INDEX	2018	231.368	231.364	231.563	231.842	232.942	232.416	232.834					

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SAOLE	All items less energy	CUSR0000SAOLE	SEASONAL FACTOR	2017	99.879	100.052	100.113	100.150	100.140	100.084	99.985	99.976	100.053	100.056	99.872	99.708
SAOLE	All items less energy	CUSR0000SAOLE	SEASONAL FACTOR	2018	99.861	100.073	100.159	100.152	100.111	100.080	99.911	99.997	99.981	100.037	99.864	99.694
SAOLE	All items less energy	CUSR0000SAOLE	SEASONAL FACTOR	2019	99.867	100.075	100.127	100.135	100.119	100.080	99.911	99.997	99.981	100.037	99.864	99.694
SAOLE	All items less energy	CUSR0000SAOLE	SEASONAL FACTOR	2020	99.865	100.057	100.125	100.116	100.068	100.075	100.060	100.036	99.971	100.014	99.864	99.736
SAOLE	All items less energy	CUSR0000SAOLE	SEASONAL FACTOR	2021	99.882	100.051	100.112	100.108	100.062	100.098	100.121	100.070	99.962	99.989	99.844	99.718
SAOLE	All items less energy	CUSR0000SAOLE	UNADJUSTED INDEX	2017	249.115	250.097	250.277	250.662	250.866	250.965	250.981	251.467	251.950	252.597	252.400	252.510
SAOLE	All items less energy	CUSR0000SAOLE	UNADJUSTED INDEX	2018	253.194	254.445	255.278	256.132	256.326	256.326	256.717	257.118	257.653	257.021	257.734	257.734
SAOLE	All items less energy	CUSR0000SAOLE	UNADJUSTED INDEX	2019	258.855	259.817	260.505	260.926	261.203	261.592	262.059	262.592	262.969	263.527	263.405	263.450
SAOLE	All items less energy	CUSR0000SAOLE	UNADJUSTED INDEX	2020	264.540	265.734	265.896	265.465	265.471	266.097	267.149	268.073	268.338	268.671	268.880	268.613
SAOLE	All items less energy	CUSR0000SAOLE	UNADJUSTED INDEX	2021	269.199	270.060	270.989	273.092	274.891	277.161	278.239	278.691	279.366	281.238	282.397	283.593
SA311	Apparel less footwear	CUSR0000SA311	SEASONAL FACTOR	2017	118.848	118.160	119.212	118.938	118.235	118.013	118.234	118.463	118.799	119.114	118.110	117.662
SA311	Apparel less footwear	CUSR0000SA311	SEASONAL FACTOR	2018	118.235	119.228	119.325	120.482	120.854	119.949	118.356	116.064	118.206	118.131	117.178	117.178
SA311	Apparel less footwear	CUSR0000SA311	SEASONALLY ADJUSTED INDEX	2017	117.111	117.042	116.528	116.986	116.941	117.711	117.621	117.026	117.105	115.440	115.431	114.265
SA311	Apparel less footwear	CUSR0000SA311	SEASONALLY ADJUSTED INDEX	2018	114.477	114.981	114.250	109.632	108.362	108.362	109.027	109.374	109.633	108.600	108.594	109.201
SA311	Apparel less footwear	CUSR0000SA311	SEASONALLY ADJUSTED INDEX	2019	111.061	110.230	110.628	111.308	112.453	113.149	113.379	113.566	112.321	113.233	114.137	115.350
SA311	Apparel less footwear	CUSR0000SA311	SEASONALLY ADJUSTED INDEX	2020	97.937	100.181	101.787	101.826	100.829	99.236	97.332	98.738	102.083	103.201	100.286	96.638
SA311	Apparel less footwear	CUSR0000SA311	SEASONAL FACTOR	2018	97.698	100.689	101.807	101.613	100.622	99.150	97.457	98.921	102.096	102.957	99.915	96.647
SA311	Apparel less footwear	CUSR0000SA311	SEASONAL FACTOR	2019	98.151	101.175	101.810	101.327	100.383	99.009	97.520	99.041	102.107	102.957	99.915	96.647
SA311	Apparel less footwear	CUSR0000SA311	SEASONAL FACTOR	2020	98.509	101.504	101.873	101.125	100.145	98.851	97.440	99.049	102.157	102.470	99.805	97.085
SA311	Apparel less footwear	CUSR0000SA311	UNADJUSTED INDEX	2017	98.830	101.703	101.888	100.892	99.880	98.795	97.522	99.138	102.159	102.270	99.530	97.186
SA311	Apparel less footwear	CUSR0000SA311	UNADJUSTED INDEX	2018	115.754	119.376	121.342	121.069	119.215	117.182	115.080	116.968	121.733	122.927	118.448	113.320
SA311	Apparel less footwear	CUSR0000SA311	UNADJUSTED INDEX	2019	115.513	120.049	121.481	122.435	121.606	118.533	115.346	114.812	120.684	122.582	118.031	113.320
SA311	Apparel less footwear	CUSR0000SA311	UNADJUSTED INDEX	2020	114.946	118.417	118.637	118.538	117.389	116.544	114.704	115.904	119.572	118.528	115.053	110.983
SA311	Apparel less footwear	CUSR0000SA311	UNADJUSTED INDEX	2021	122.770	116.710	116.390	110.865	107.006	107.117	106.236	108.334	111.998	111.282	108.165	106.018
SA311	Apparel less footwear	CUSR0000SA311	UNADJUSTED INDEX	2017	109.762	112.107	112.717	112.301	112.430	111.785	110.570	112.577	114.746	115.803	113.600	112.104
SAA	Apparel	CUSR0000SAA	SEASONALLY ADJUSTED INDEX	2017	126.044	126.058	126.397	126.301	125.651	125.508	125.508	125.390	125.759	125.901	125.024	124.234
SAA	Apparel	CUSR0000SAA	SEASONALLY ADJUSTED INDEX	2018	124.873	126.026	126.731	127.526	127.645	126.395	125.603	123.484	125.057	125.764	124.934	124.134
SAA	Apparel	CUSR0000SAA	SEASONALLY ADJUSTED INDEX	2019	124.541	124.592	124.602	124.602	124.592	124.592	124.592	124.592	124.592	124.592	124.592	124.592
SAA	Apparel	CUSR0000SAA	SEASONALLY ADJUSTED INDEX	2020	122.555	123.111	121.889	117.174	114.389	109.623	112.673	117.124	117.111	116.595	116.885	117.111
SAA	Apparel	CUSR0000SAA	SEASONALLY ADJUSTED INDEX	2021	119.099	118.535	118.968	119.647	120.918	121.580	121.647	121.956	121.105	121.001	122.760	124.117
SAA	Apparel	CUSR0000SAA	SEASONAL FACTOR	2017	97.655	100.033	101.466	101.622	100.726	99.300	97.700	99.009	101.901	102.865	100.299	97.086
SAA	Apparel	CUSR0000SAA	SEASONAL FACTOR	2018	97.912	100.033	101.466	101.622	100.726	99.300	97.700	99.009	101.901	102.865	100.299	97.086
SAA	Apparel	CUSR0000SAA	SEASONAL FACTOR	2019	98.294	100.834	101.473	101.215	100.365	99.095	97.845	99.267	101.897	102.408	99.808	97.214
SAA	Apparel	CUSR0000SAA	SEASONAL FACTOR	2020	98.611	101.078	101.497	101.041	100.169	98.994	97.812	99.261	101.915	102.210	99.758	97.463
SAA	Apparel	CUSR0000SAA	SEASONAL FACTOR	2021	98.897	101.234	101.495	100.843	100.027	98.967	97.888	99.375	101.900	102.030	99.693	97.543
SAA	Apparel	CUSR0000SAA	UNADJUSTED INDEX	2017	123.088	126.100	126.250	126.349	126.363	124.630	122.485	124.147	128.150	129.570	125.398	120.614
SAA	Apparel	CUSR0000SAA	UNADJUSTED INDEX	2018	122.263	126.804	126.609	126.609	126.609	126.609	126.609	126.609	126.609	126.609	126.609	126.609
SAA	Apparel	CUSR0000SAA	UNADJUSTED INDEX	2019	122.422	125.631	125.785	125.542	124.429	123.749	122.161	123.641	127.009	126.154	122.986	119.111
SAA	Apparel	CUSR0000SAA	UNADJUSTED INDEX	2020	120.853	124.438	123.815	118.394	114.582	114.734	122.167	126.299	119.354	119.172	116.024	114.434
SAA	Apparel	CUSR0000SAA	UNADJUSTED INDEX	2021	117.785	119.998	120.746	120.656	120.351	120.324	119.078	121.194	123.406	124.323	122.383	121.008
SA1	Men's and boys' apparel	CUSR0000SA1	SEASONALLY ADJUSTED INDEX	2017	118.441	118.988	117.857	116.515	117.235	116.917	116.917	117.117	117.117	117.117	117.117	117.117
SA1	Men's and boys' apparel	CUSR0000SA1	SEASONALLY ADJUSTED INDEX	2018	117.787	119.994	118.692	118.077	117.783	118.572	118.727	118.458	121.048	120.258	117.437	115.927
SA1	Men's and boys' apparel	CUSR0000SA1	SEASONALLY ADJUSTED INDEX	2019	116.839	116.691	117.020	117.218	110.161	112.498	112.633	112.786	112.242	110.933	111.932	111.932
SA1	Men's and boys' apparel	CUSR0000SA1	SEASONALLY ADJUSTED INDEX	2020	113.631	113.631	113.631	113.631	113.631	113.631	113.631	113.631	113.631	113.631	113.631	113.631
SA1	Men's and boys' apparel	CUSR0000SA1	SEASONAL FACTOR	2017	99.044	101.779	100.817	100.389	101.124	99.413	98.087	98.989	101.088	102.223	100.205	96.566
SA1	Men's and boys' apparel	CUSR0000SA1	SEASONAL FACTOR	2018	99.211	102.423	100.987	100.141	100.735	98.994	98.011	99.235	101.193	102.517	99.960	96.733
SA1	Men's and boys' apparel	CUSR0000SA1	SEASONAL FACTOR	2019	99.492	102.770	101.187	100.020	100.328	98.641	97.969	99.440	101.265	101.933	99.813	96.994
SA1	Men's and boys' apparel	CUSR0000SA1	SEASONAL FACTOR	2020	99.751	102.770	101.187	100.020	100.328	98.641	97.969	99.440	101.265	101.933	99.813	96.994
SA1	Men's and boys' apparel	CUSR0000SA1	SEASONAL FACTOR	2021	99.975	102.877	101.622	99.900	99.736	98.233	97.921	99.651	101.385	101.934	99.699	97.455
SA1	Men's and boys' apparel	CUSR0000SA1	UNADJUSTED INDEX	2017	117.309	120.113	118.328	116.969	118.594	116.006	114.252	115.875	118.393	120.191	117.069	112.770
SA1	Men's and boys' apparel	CUSR0000SA1	UNADJUSTED INDEX	2018	116.226	120.244	118.772	119.362	119.271	117.077	118.080	114.297	119.000	122.947	119.156	114.640
SA1	Men's and boys' apparel	CUSR0000SA1	UNADJUSTED INDEX	2019	117.183	116.315	116.315	116.315	116.315	116.315	116.315	116.315	116.315	116.315	116.315	116.315
SA1	Men's and boys' apparel	CUSR0000SA1	UNADJUSTED INDEX	2020	116.548	120.077	119.090	112.671	110.121	110.683	110.290	112.272	113.745	112.383	110.649	108.861
SA1	Men's and boys' apparel	CUSR0000SA1	UNADJUSTED INDEX	2021	113.504	115.138	115.850	115.006	114.749	113.204	113.589	116.610	118.796	119.422	119.242	117.390
SA2	Women's and girls' apparel	CUSR0000SA2	SEASONALLY ADJUSTED INDEX	2017	111.296	111.115	112.613	111.867	110.737	110.784	111.468	111.380	110.915	111.515	110.201	108.883
SA2	Women's and girls' apparel	CUSR0000SA2	SEASONALLY ADJUSTED INDEX	2018	111.296	111.115	112.613	111.867	110.737	110.784	111.468	111.380	110.915	111.515	110.201	108.883
SA2	Women's and girls' apparel	CUSR0000SA2	SEASONALLY ADJUSTED INDEX	2019	108.141	107.083	106.760	107.471	107.565	107.810	108.152	107.699	106.627	104.039	105.255	104.988
SA2	Women's and girls' apparel	CUSR0000SA2	SEASONALLY ADJUSTED INDEX	2020	104.190	105.126	104.175	99.560	96.412	96.983	97.776	98.201	98.983	98.712	98.236	98.519
SA2	Women's and girls' apparel	CUSR0000SA2	SEASONALLY ADJUSTED INDEX	2021	100.361	100.307	99.441	99.564	101.187	102.140	102.166	101.659	99.559	100.916	101.626	102.720
SA2	Women's and girls' apparel	CUSR0000SA2	SEASONAL FACTOR	2017	99.897	99.201	102.854	103.135	100.889	99.217	96.033	97.860	102.794	123.270	123.726	96.605
SA2	Women's and girls' apparel	CUSR0000SA2	SEASONAL FACTOR	2018	96.333	99.804	100.699	100.877	100.703	99.356	96.156	97.860	102.777	103.849	100.968	98.505
SA2	Women's and girls' apparel	CUSR0000SA2	SEASONAL FACTOR	2019	96.943	100.488	102.689	102.491	100.881	99.058	96.259	98.173	102.786	103.517	99.930	96.301
SA2	Women's and girls' apparel	CUSR0000SA2														

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SAC1E	Commodities less food and energy commodities	CUSR0000SAC1E	UNADJUSTED INDEX	2018	143.417	144.412	145.050	145.131	144.745	144.237	143.881	143.599	143.641	144.134	143.542	142.840
SAC1E	Commodities less food and energy commodities	CUSR0000SAC1E	UNADJUSTED INDEX	2019	143.892	144.609	144.994	144.851	144.467	144.448	144.466	144.806	144.596	144.577	143.722	142.920
SAC1E	Commodities less food and energy commodities	CUSR0000SAC1E	UNADJUSTED INDEX	2020	143.557	144.953	144.771	143.070	142.977	142.926	143.596	145.391	146.096	146.251	145.390	145.317
SAC1E	Commodities less food and energy commodities	CUSR0000SAC1E	UNADJUSTED INDEX	2021	145.973	146.532	147.160	149.915	152.217	155.284	155.873	156.581	156.720	158.550	159.426	160.850
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	SEASONALLY ADJUSTED INDEX	2017	146.319	146.385	146.328	146.323	145.957	145.880	145.716	145.469	145.282	145.255	145.026	145.052
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	SEASONALLY ADJUSTED INDEX	2018	145.280	145.477	145.707	145.927	145.874	145.606	145.309	144.779	145.054	145.138	144.961	144.974
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	SEASONALLY ADJUSTED INDEX	2019	145.451	145.302	145.378	145.378	145.349	145.347	145.763	145.715	145.632	145.434	145.282	145.135
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	SEASONALLY ADJUSTED INDEX	2020	145.286	145.633	145.264	144.347	143.973	144.424	145.066	144.470	145.251	145.053	145.357	145.676
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	SEASONALLY ADJUSTED INDEX	2021	145.974	145.918	146.117	147.262	148.471	149.350	150.141	151.129	151.847	153.076	153.915	155.089
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	SEASONAL FACTOR	2017	99.675	100.184	100.398	100.400	100.212	99.918	99.561	99.728	100.208	100.436	99.942	99.319
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	SEASONAL FACTOR	2018	98.727	100.257	100.389	100.354	100.173	99.898	99.583	99.760	100.204	100.404	99.900	99.329
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	SEASONAL FACTOR	2019	98.786	100.314	100.374	100.300	100.127	99.877	99.590	99.778	100.027	100.273	99.891	99.376
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	SEASONAL FACTOR	2020	99.871	100.339	100.346	100.234	100.082	99.879	99.627	99.801	100.180	100.292	99.890	97.878
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	SEASONAL FACTOR	2021	99.920	100.343	100.324	100.186	100.050	99.873	99.642	99.821	100.184	100.266	99.885	99.950
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	UNADJUSTED INDEX	2017	145.843	146.655	146.911	146.309	146.267	145.761	145.076	145.074	145.584	145.926	144.942	144.014
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	UNADJUSTED INDEX	2018	144.884	146.851	146.274	146.444	146.126	145.458	144.792	144.132	145.350	145.724	144.816	144.001
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	UNADJUSTED INDEX	2019	145.104	145.854	146.120	145.964	145.740	145.462	145.166	145.322	145.933	145.948	145.111	144.230
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	UNADJUSTED INDEX	2020	145.098	146.126	145.767	144.685	144.091	144.249	144.465	145.171	145.512	145.476	145.197	144.910
SAC1E4	Commodities less food, energy, and used cars and trucks	CUSR0000SAC1E4	UNADJUSTED INDEX	2021	145.857	146.418	146.590	147.536	148.545	149.161	149.603	150.858	152.127	153.483	153.738	154.329
SAD	Durables	CUSR0000SAD	SEASONALLY ADJUSTED INDEX	2017	106.536	106.450	106.073	105.910	105.092	105.275	104.749	104.561	104.557	104.278	104.423	104.798
SAD	Durables	CUSR0000SAD	SEASONALLY ADJUSTED INDEX	2018	104.830	104.800	104.817	104.483	104.043	103.950	104.243	104.293	103.903	104.172	104.602	104.841
SAD	Durables	CUSR0000SAD	SEASONALLY ADJUSTED INDEX	2019	105.228	105.260	105.172	104.831	104.330	104.439	104.684	104.904	104.838	104.722	104.570	104.322
SAD	Durables	CUSR0000SAD	SEASONALLY ADJUSTED INDEX	2020	104.327	104.679	104.525	104.055	103.814	103.428	104.059	106.490	107.975	108.303	108.279	108.297
SAD	Durables	CUSR0000SAD	SEASONALLY ADJUSTED INDEX	2021	107.979	108.205	108.436	111.745	114.530	118.522	119.390	120.078	120.714	122.650	124.143	126.416
SAD	Durables	CUSR0000SAD	SEASONAL FACTOR	2017	99.634	99.884	100.255	100.460	100.535	100.610	100.524	100.324	99.635	99.578	99.321	99.318
SAD	Durables	CUSR0000SAD	SEASONAL FACTOR	2018	99.622	99.834	100.218	100.391	100.519	100.659	100.596	100.361	99.598	99.572	99.342	99.359
SAD	Durables	CUSR0000SAD	SEASONAL FACTOR	2019	99.601	99.793	100.196	100.331	100.497	100.697	100.654	100.407	99.568	99.562	99.362	99.399
SAD	Durables	CUSR0000SAD	SEASONAL FACTOR	2020	99.580	99.644	100.128	100.273	100.463	100.718	100.711	100.451	99.536	99.520	99.317	99.440
SAD	Durables	CUSR0000SAD	SEASONAL FACTOR	2021	99.572	99.712	100.148	100.213	100.465	100.769	100.770	100.489	99.497	99.549	99.409	99.471
SAD	Durables	CUSR0000SAD	UNADJUSTED INDEX	2017	106.147	106.326	106.343	106.397	105.917	105.298	104.908	104.900	104.175	103.838	103.714	104.083
SAD	Durables	CUSR0000SAD	UNADJUSTED INDEX	2018	104.433	104.626	105.046	104.891	104.583	104.636	104.864	104.669	103.488	103.726	103.913	104.169
SAD	Durables	CUSR0000SAD	UNADJUSTED INDEX	2019	104.804	105.043	105.078	104.718	104.512	104.569	104.733	104.389	104.256	104.162	104.052	104.062
SAD	Durables	CUSR0000SAD	UNADJUSTED INDEX	2020	103.899	104.421	104.703	104.336	104.309	104.188	105.252	106.970	107.474	107.819	107.612	107.691
SAD	Durables	CUSR0000SAD	UNADJUSTED INDEX	2021	107.517	107.893	108.597	111.983	115.051	119.434	120.120	120.666	120.712	122.097	123.678	125.747
SAE	Education and communication	CUSR0000SAE	SEASONALLY ADJUSTED INDEX	2017	139.017	138.776	136.392	136.017	135.886	135.826	135.682	135.614	135.777	136.113	136.449	136.532
SAE	Education and communication	CUSR0000SAE	SEASONALLY ADJUSTED INDEX	2018	136.607	138.309	136.187	136.177	135.365	135.832	137.054	137.246	137.478	137.408	136.727	136.847
SAE	Education and communication	CUSR0000SAE	SEASONALLY ADJUSTED INDEX	2019	137.121	137.146	137.424	137.424	137.496	137.631	137.873	138.778	138.778	138.778	138.778	138.778
SAE	Education and communication	CUSR0000SAE	SEASONALLY ADJUSTED INDEX	2020	139.117	139.234	139.357	139.613	139.614	139.525	141.051	141.225	140.993	141.128	141.307	141.449
SAE	Education and communication	CUSR0000SAE	SEASONALLY ADJUSTED INDEX	2021	141.544	141.659	141.443	141.975	142.264	142.433	142.907	143.433	143.631	143.660	143.748	
SAE	Education and communication	CUSR0000SAE	SEASONAL FACTOR	2017	100.017	100.014	99.884	99.826	99.762	99.758	99.776	100.005	100.303	100.268	100.196	100.102
SAE	Education and communication	CUSR0000SAE	SEASONAL FACTOR	2018	100.010	100.013	99.884	99.828	99.774	99.763	99.793	100.066	100.303	100.268	100.196	100.102
SAE	Education and communication	CUSR0000SAE	SEASONAL FACTOR	2019	100.018	100.016	99.884	99.824	99.784	99.791	99.798	100.067	100.280	100.263	100.176	100.105
SAE	Education and communication	CUSR0000SAE	SEASONAL FACTOR	2020	100.011	100.016	99.887	99.832	99.804	99.809	99.818	100.067	100.267	100.242	100.161	100.071
SAE	Education and communication	CUSR0000SAE	SEASONAL FACTOR	2021	100.008	100.014	99.891	99.836	99.816	99.818	99.824	100.064	100.261	100.239	100.156	100.067
SAE	Education and communication	CUSR0000SAE	UNADJUSTED INDEX	2017	136.580	136.744	136.783	136.783	136.580	136.580	136.783	136.783	136.783	136.783	136.783	136.783
SAE	Education and communication	CUSR0000SAE	UNADJUSTED INDEX	2018	136.335	136.327	136.029	135.943	136.261	136.535	136.770	137.336	137.868	137.776	136.981	136.976
SAE	Education and communication	CUSR0000SAE	UNADJUSTED INDEX	2019	137.055	137.168	137.082	137.182	137.199	137.344	137.595	138.154	138.049	138.529	138.020	138.393
SAE	Education and communication	CUSR0000SAE	UNADJUSTED INDEX	2020	139.132	139.256	139.198	139.378	139.338	139.258	140.794	141.320	141.369	141.469	141.534	141.547
SAE	Education and communication	CUSR0000SAE	UNADJUSTED INDEX	2021	141.551	141.679	141.551	141.749	141.749	141.749	141.749	141.749	141.749	141.749	141.749	141.749
SAE1	Education	CUSR0000SAE1	SEASONALLY ADJUSTED INDEX	2017	250.948	251.469	251.829	252.052	252.306	252.982	253.351	253.490	254.117	254.756	255.516	255.749
SAE1	Education	CUSR0000SAE1	SEASONALLY ADJUSTED INDEX	2018	255.975	256.384	256.347	256.653	257.413	257.941	258.693	260.277	260.694	261.280	261.931	262.505
SAE1	Education	CUSR0000SAE1	SEASONALLY ADJUSTED INDEX	2019	262.967	263.693	264.660	265.062	265.488	265.820	266.056	266.623	267.737	267.256	267.141	268.058
SAE1	Education	CUSR0000SAE1	SEASONALLY ADJUSTED INDEX	2020	267.704	268.147	268.147	268.147	268.147	268.147	268.147	268.147	268.147	268.147	268.147	268.147
SAE1	Education	CUSR0000SAE1	SEASONALLY ADJUSTED INDEX	2021	272.113	272.601	272.310	272.925	273.719	274.278	274.902	275.001	275.952	276.497	277.027	277.345
SAE1	Education	CUSR0000SAE1	SEASONAL FACTOR	2017	100.069	99.955	99.716	99.583	99.466	99.477	99.512	100.124	100.656	100.659	100.472	100.282
SAE1	Education	CUSR0000SAE1	SEASONAL FACTOR	2018	100.068	99.964	99.712	99.580	99.466	99.511	99.530	100.129	100.630	100.638	100.454	100.264
SAE1	Education	CUSR0000SAE1	SEASONAL FACTOR	2019	100.069	99.965	99.712	99.580	99.466	99.511	99.530	100.129	100.630	100.638	100.454	100.264
SAE1	Education	CUSR0000SAE1	SEASONAL FACTOR	2020	100.052	99.976	99.717	99.589	99.545	99.574	99.582	100.135	100.592	100.581	100.405	100.216
SAE1	Education	CUSR0000SAE1	SEASONAL FACTOR	2021	100.046	99.977	99.724	99.598	99.571	99.596	99.603	100.135	100.579	100.561	100.386	100.202
SAE1	Education	CUSR0000SAE1	UNADJUSTED INDEX	2017	251.122	251.356	251.113	251.001	250.959	251.658	252.115	253.805	255.783	256.435	256.721	256.469
SAE1	Education	CUSR0000SAE1	UNADJUSTED INDEX	2018	256.150	256.291	256.609	256.564	256.900	256.678	257.417	260.613	262.336	262.947	263.119	263.199
SAE1	Education	CUSR0000SAE1	UNADJUSTED INDEX	2019	263.125	263.620	263.955									

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SAF-1	Food	CUSR0000SAF1	SEASONALLY ADJUSTED INDEX	2019	256.381	257.233	257.752	257.479	258.008	258.043	258.144	258.329	258.880	259.371	259.902	260.274
SAF-1	Food	CUSR0000SAF1	SEASONALLY ADJUSTED INDEX	2020	261.097	261.912	262.734	266.505	268.326	266.656	268.857	268.958	269.124	269.557	269.563	270.469
SAF-1	Food at home, fish, and eggs	CUSR0000SAF1	SEASONALLY ADJUSTED INDEX	2019	252.107	252.716	253.881	252.920	257.877	278.959	281.468	281.468	280.354	280.566	287.546	287.546
SAF-1	Food	CUSR0000SAF1	SEASONAL FACTOR	2017	100.071	100.023	99.988	100.060	100.018	99.993	100.012	100.010	100.067	100.126	99.871	99.810
SAF-1	Food	CUSR0000SAF1	SEASONAL FACTOR	2018	100.043	100.007	99.983	100.076	100.032	99.981	100.029	100.017	100.043	100.109	99.854	99.819
SAF-1	Food	CUSR0000SAF1	SEASONAL FACTOR	2019	100.014	99.996	99.989	100.089	100.040	100.008	100.050	100.031	100.024	100.101	99.833	99.837
SAF-1	Food	CUSR0000SAF1	SEASONAL FACTOR	2020	99.985	99.985	99.985	100.086	100.086	100.086	100.086	100.086	100.086	100.086	100.086	99.836
SAF-1	Food	CUSR0000SAF1	SEASONAL FACTOR	2021	99.964	99.976	99.982	100.096	100.044	100.050	100.090	100.060	100.104	100.103	99.810	99.825
SAF-1	Food	CUSR0000SAF1	UNADJUSTED INDEX	2017	248.242	248.791	249.165	249.739	250.016	249.653	250.214	250.493	250.993	251.364	250.871	251.238
SAF-1	Food	CUSR0000SAF1	UNADJUSTED INDEX	2018	252.361	252.266	252.370	253.209	253.098	253.231	253.746	254.077	254.393	254.358	254.379	255.210
SAF-1	Food	CUSR0000SAF1	UNADJUSTED INDEX	2019	256.417	257.222	257.724	257.708	258.110	258.064	258.274	258.410	258.625	258.632	259.467	259.823
SAF-1	Food	CUSR0000SAF1	UNADJUSTED INDEX	2020	261.057	261.876	262.708	266.757	268.499	266.750	268.963	269.079	269.163	269.589	270.023	270.023
SAF-1	Food	CUSR0000SAF1	UNADJUSTED INDEX	2021	270.938	271.363	271.812	273.090	274.212	276.206	278.127	279.135	281.506	284.205	285.507	286.866
SAF-11	Food at home	CUSR0000SAF11	SEASONALLY ADJUSTED INDEX	2017	237.072	237.824	238.387	238.568	238.893	238.494	238.904	238.804	238.852	239.020	238.940	239.371
SAF-11	Food at home	CUSR0000SAF11	SEASONALLY ADJUSTED INDEX	2018	239.641	239.130	239.230	239.798	239.148	239.239	239.693	239.941	239.935	239.940	239.950	240.786
SAF-11	Food at home	CUSR0000SAF11	SEASONALLY ADJUSTED INDEX	2019	243.200	242.077	242.693	241.484	241.969	241.371	241.134	241.014	241.438	241.802	242.474	242.527
SAF-11	Food at home	CUSR0000SAF11	SEASONALLY ADJUSTED INDEX	2020	243.179	244.115	245.207	251.290	253.635	254.850	252.215	252.148	251.303	251.478	251.241	252.009
SAF-11	Food at home	CUSR0000SAF11	SEASONALLY ADJUSTED INDEX	2021	252.270	252.828	253.313	254.314	255.314	257.176	258.599	259.544	262.631	264.983	265.281	268.356
SAF-11	Food at home	CUSR0000SAF11	SEASONAL FACTOR	2017	100.124	100.040	99.945	100.104	100.030	99.919	100.021	100.016	100.116	100.219	99.775	99.680
SAF-11	Food at home	CUSR0000SAF11	SEASONAL FACTOR	2018	100.078	100.013	99.970	100.138	100.058	99.966	100.053	100.031	100.079	100.200	99.734	99.669
SAF-11	Food at home	CUSR0000SAF11	SEASONAL FACTOR	2019	100.025	99.992	99.980	100.163	100.073	100.015	100.093	100.058	100.045	100.185	99.692	99.680
SAF-11	Food at home	CUSR0000SAF11	SEASONAL FACTOR	2020	99.972	99.975	99.982	100.170	100.076	100.075	100.138	100.081	100.026	100.183	99.668	99.700
SAF-11	Food at home	CUSR0000SAF11	SEASONAL FACTOR	2021	99.935	99.956	99.968	100.175	100.079	100.092	100.164	100.108	100.024	100.187	99.656	99.702
SAF-11	Food at home	CUSR0000SAF11	UNADJUSTED INDEX	2017	237.365	237.918	238.256	238.817	238.964	238.300	238.953	238.843	239.128	239.543	238.403	239.379
SAF-11	Food at home	CUSR0000SAF11	UNADJUSTED INDEX	2018	239.828	239.150	239.158	240.129	239.287	239.158	239.820	240.015	240.125	239.882	239.352	239.989
SAF-11	Food at home	CUSR0000SAF11	UNADJUSTED INDEX	2019	241.381	242.057	242.555	241.878	242.145	241.407	241.359	241.543	242.340	241.726	241.750	241.750
SAF-11	Food at home	CUSR0000SAF11	UNADJUSTED INDEX	2020	243.110	244.054	245.163	251.717	253.827	255.402	252.563	252.352	251.369	251.937	250.407	251.553
SAF-11	Food at home	CUSR0000SAF11	UNADJUSTED INDEX	2021	252.107	252.716	253.881	252.920	257.877	278.959	281.468	281.468	280.354	280.566	287.546	287.546
SAF-111	Cereals and bakery products	CUSR0000SAF111	SEASONALLY ADJUSTED INDEX	2017	272.686	271.755	271.674	271.760	272.234	272.011	272.314	272.102	271.729	271.021	270.714	270.820
SAF-111	Cereals and bakery products	CUSR0000SAF111	SEASONALLY ADJUSTED INDEX	2018	272.355	271.367	271.807	271.633	271.560	273.253	272.644	272.962	273.578	272.495	274.311	275.164
SAF-111	Cereals and bakery products	CUSR0000SAF111	SEASONALLY ADJUSTED INDEX	2019	275.450	276.183	276.752	276.460	277.345	276.473	276.818	276.268	277.113	276.709	277.234	275.687
SAF-111	Cereals and bakery products	CUSR0000SAF111	SEASONALLY ADJUSTED INDEX	2020	278.769	278.871	279.984	280.982	284.365	285.722	284.324	284.123	284.202	285.001	283.812	284.235
SAF-111	Cereals and bakery products	CUSR0000SAF111	SEASONALLY ADJUSTED INDEX	2021	283.745	284.357	284.351	285.183	286.095	286.422	288.649	288.638	291.888	294.953	296.917	297.693
SAF-111	Cereals and bakery products	CUSR0000SAF111	SEASONAL FACTOR	2017	100.087	99.983	100.184	100.038	100.077	100.154	100.230	100.163	100.008	99.818	99.605	99.609
SAF-111	Cereals and bakery products	CUSR0000SAF111	SEASONAL FACTOR	2018	99.970	99.955	100.198	100.049	100.129	100.157	100.225	100.138	100.055	99.914	99.609	99.694
SAF-111	Cereals and bakery products	CUSR0000SAF111	SEASONAL FACTOR	2019	99.855	99.932	100.189	100.065	100.162	100.151	100.243	100.127	100.071	99.914	99.615	99.798
SAF-111	Cereals and bakery products	CUSR0000SAF111	SEASONAL FACTOR	2020	99.768	99.817	100.167	100.062	100.194	100.130	100.275	100.123	99.940	99.639	99.615	99.819
SAF-111	Cereals and bakery products	CUSR0000SAF111	SEASONAL FACTOR	2021	99.706	99.908	100.139	100.068	100.193	100.118	100.306	100.122	100.062	99.909	99.660	99.861
SAF-111	Cereals and bakery products	CUSR0000SAF111	UNADJUSTED INDEX	2017	272.922	271.708	272.174	271.865	272.445	272.429	271.590	272.544	271.750	270.858	269.646	269.847
SAF-111	Cereals and bakery products	CUSR0000SAF111	UNADJUSTED INDEX	2018	272.273	271.245	272.345	271.766	271.910	273.682	273.238	273.738	273.729	272.260	273.240	274.321
SAF-111	Cereals and bakery products	CUSR0000SAF111	UNADJUSTED INDEX	2019	275.052	275.966	276.765	276.640	277.765	276.891	277.490	278.618	277.308	278.474	279.036	279.310
SAF-111	Cereals and bakery products	CUSR0000SAF111	UNADJUSTED INDEX	2020	279.316	276.641	277.646	285.160	284.537	286.092	285.204	284.472	284.740	282.782	283.735	284.735
SAF-111	Cereals and bakery products	CUSR0000SAF111	UNADJUSTED INDEX	2021	282.911	284.095	284.746	285.377	286.649	286.761	289.533	288.990	292.069	294.625	295.909	297.279
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	SEASONALLY ADJUSTED INDEX	2017	244.075	244.889	245.303	243.920	244.322	244.241	246.283	246.400	246.196	247.047	249.049	249.295
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	SEASONALLY ADJUSTED INDEX	2018	249.744	249.039	249.561	252.347	249.468	250.429	250.629	250.629	250.629	250.629	250.629	250.629
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	SEASONALLY ADJUSTED INDEX	2019	249.744	250.657	250.258	249.729	250.306	247.713	248.142	247.751	248.620	249.684	250.505	255.253
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	SEASONALLY ADJUSTED INDEX	2020	254.543	255.628	256.129	269.931	273.316	279.046	268.693	265.329	264.256	264.698	265.268	266.216
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	SEASONALLY ADJUSTED INDEX	2021	267.658	269.086	270.160	272.247	275.701	280.737	284.309	286.541	291.902	296.235	299.222	299.689
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	SEASONAL FACTOR	2017	99.351	99.078	99.103	99.571	99.682	99.594	100.000	100.000	100.578	100.367	99.318	99.318
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	SEASONAL FACTOR	2018	99.380	99.219	99.571	99.828	99.902	100.524	100.678	100.606	100.504	100.348	99.990	99.362
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	SEASONAL FACTOR	2019	99.369	99.178	99.522	99.789	100.020	100.613	100.762	100.616	100.450	100.364	99.994	99.346
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	SEASONAL FACTOR	2020	99.356	99.127	99.451	99.750	100.032	100.750	100.869	100.618	100.428	100.377	100.007	99.348
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	SEASONAL FACTOR	2021	99.351	99.078	99.103	99.571	99.682	99.594	100.000	100.000	100.578	100.367	99.318	99.318
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	UNADJUSTED INDEX	2017	242.596	243.057	244.306	243.330	243.815	245.756	247.761	247.985	247.613	248.413	247.027	248.420
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	UNADJUSTED INDEX	2018	247.284	247.095	249.516	251.922	249.449	248.609	250.042	250.743	248.876	247.966	247.954	247.327
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	UNADJUSTED INDEX	2019	248.169	248.597	249.062	249.203	250.356	249.231	250.033	249.277	249.740	250.592	250.491	252.603
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	UNADJUSTED INDEX	2020	255.902	255.902	255.902	255.902	255.902	255.902	255.902	255.902	255.902	255.902	255.902	255.902
SAF-112	Meats, poultry, fish, and eggs	CUSR0000SAF112	UNADJUSTED INDEX	2021	265.922	268.606	268.457	271.459	275.776	282.963	286.994	288.367	293.217	297.237	299.228	297.894
SAF-121	Meats, poultry, and fish	CUSR0000SAF121	SEASONALLY ADJUSTED INDEX	2017	245.934	247.616	248.625	246.852	247.784	248.801	250.450	250.340	249.712	250.370	249.945	251.962
SAF-121	Meats, poultry, and fish	CUSR0000SAF121	SEASONALLY ADJUSTED INDEX	2018	250.643	250.467	251.909	252.769	250.700	249.579	250.314	251.269	249.715	249.426	250.368	251.261
SAF-121	Meats, poultry, and fish	CUSR0000SAF121	SEASONALLY ADJUSTED INDEX	2019	252.148	253.168	252.877	252.								

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SAF115	Other food at home	CUSR0000SAF115	SEASONAL FACTOR	2020	99.501	100.045	100.043	100.348	100.044	100.116	100.352	100.227	100.055	99.970	99.658	99.689
SAF115	Other food at home	CUSR0000SAF115	SEASONAL FACTOR	2021	99.459	100.051	100.041	100.325	100.000	100.115	100.369	100.226	100.065	100.000	99.607	99.705
SAF115	Other food at home	CUSR0000SAF115	SEASONAL FACTOR	2017	100.800	100.010	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAF115	Other food at home	CUSR0000SAF115	SEASONAL FACTOR	2018	209.611	210.115	210.012	210.632	210.159	210.259	210.791	210.158	210.590	210.224	210.407	209.739
SAF115	Other food at home	CUSR0000SAF115	SEASONAL FACTOR	2019	210.006	211.168	211.550	211.078	210.815	212.056	210.941	210.841	211.490	211.250	210.432	210.432
SAF115	Other food at home	CUSR0000SAF115	SEASONAL FACTOR	2020	210.763	213.215	214.565	219.233	218.988	219.311	219.254	219.607	218.380	218.758	217.310	218.534
SAF115	Other food at home	CUSR0000SAF115	SEASONAL FACTOR	2021	217.824	219.110	219.263	220.443	219.660	220.221	222.116	222.863	225.141	220.701	220.613	220.809
SAF116	Alcoholic beverages	CUSR0000SAF116	SEASONALLY ADJUSTED INDEX	2017	244.382	244.189	244.659	244.589	244.818	244.774	245.233	245.307	246.001	246.355	246.972	247.086
SAF116	Alcoholic beverages	CUSR0000SAF116	SEASONALLY ADJUSTED INDEX	2018	247.228	247.728	247.960	248.561	248.160	249.026	249.002	248.702	250.304	250.460	251.299	251.425
SAF116	Alcoholic beverages	CUSR0000SAF116	SEASONALLY ADJUSTED INDEX	2019	251.601	252.165	251.787	251.493	252.176	252.649	253.635	253.591	253.201	252.968	252.468	252.668
SAF116	Alcoholic beverages	CUSR0000SAF116	SEASONALLY ADJUSTED INDEX	2020	253.526	254.415	255.373	256.143	257.813	258.053	257.464	257.932	257.716	258.907	260.017	258.700
SAF116	Alcoholic beverages	CUSR0000SAF116	SEASONALLY ADJUSTED INDEX	2021	259.722	259.604	261.389	260.983	261.807	262.929	263.778	264.538	264.921	265.621	265.687	265.701
SAF116	Alcoholic beverages	CUSR0000SAF116	SEASONAL FACTOR	2017	100.055	100.177	100.130	100.102	99.987	99.928	99.785	99.880	99.953	100.116	100.008	99.881
SAF116	Alcoholic beverages	CUSR0000SAF116	SEASONAL FACTOR	2018	100.053	100.177	100.132	100.104	99.986	99.927	99.786	99.881	99.955	100.119	100.011	99.883
SAF116	Alcoholic beverages	CUSR0000SAF116	SEASONAL FACTOR	2019	100.035	100.172	100.119	100.105	99.970	99.956	99.800	99.891	99.984	100.095	99.998	99.879
SAF116	Alcoholic beverages	CUSR0000SAF116	SEASONAL FACTOR	2020	100.025	100.164	100.112	100.109	99.961	99.977	99.804	99.902	100.005	100.103	99.992	99.865
SAF116	Alcoholic beverages	CUSR0000SAF116	SEASONAL FACTOR	2021	100.017	100.157	100.109	100.108	99.956	99.994	99.802	99.915	100.018	100.055	99.983	99.890
SAF116	Alcoholic beverages	CUSR0000SAF116	UNADJUSTED INDEX	2017	244.516	244.622	244.978	245.500	244.785	244.597	244.785	245.042	245.884	246.621	246.991	247.917
SAF116	Alcoholic beverages	CUSR0000SAF116	UNADJUSTED INDEX	2018	247.359	248.106	248.287	248.818	248.126	248.844	248.489	248.407	249.921	250.757	251.326	251.331
SAF116	Alcoholic beverages	CUSR0000SAF116	UNADJUSTED INDEX	2019	251.688	252.599	252.087	251.758	252.101	252.538	253.129	253.314	253.261	253.207	252.463	252.361
SAF116	Alcoholic beverages	CUSR0000SAF116	UNADJUSTED INDEX	2020	253.592	254.831	255.660	256.423	257.713	258.033	256.960	257.678	257.730	258.936	259.995	259.137
SAF116	Alcoholic beverages	CUSR0000SAF116	UNADJUSTED INDEX	2021	259.765	260.011	260.652	261.265	261.711	262.913	263.226	264.315	264.980	264.748	264.957	265.410
SAG	Other goods and services	CUSR0000SAG	SEASONALLY ADJUSTED INDEX	2017	427.621	427.992	428.336	432.175	431.911	433.121	434.033	433.328	434.438	436.252	436.352	438.831
SAG	Other goods and services	CUSR0000SAG	SEASONALLY ADJUSTED INDEX	2018	437.687	438.306	439.269	442.653	442.710	442.851	443.170	442.934	443.409	444.334	445.480	445.059
SAG	Other goods and services	CUSR0000SAG	SEASONALLY ADJUSTED INDEX	2019	446.400	448.150	448.471	448.658	449.896	449.345	451.709	453.074	453.193	455.225	456.262	455.413
SAG	Other goods and services	CUSR0000SAG	SEASONALLY ADJUSTED INDEX	2020	458.336	460.144	461.495	461.294	460.730	462.149	463.712	462.847	463.455	465.429	466.211	466.332
SAG	Other goods and services	CUSR0000SAG	SEASONALLY ADJUSTED INDEX	2021	467.995	469.886	472.607	473.649	473.011	473.718	477.103	479.048	479.525	483.592	484.683	487.131
SAG	Other goods and services	CUSR0000SAG	SEASONAL FACTOR	2017	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAG	Other goods and services	CUSR0000SAG	SEASONAL FACTOR	2018	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAG	Other goods and services	CUSR0000SAG	SEASONAL FACTOR	2019	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAG	Other goods and services	CUSR0000SAG	SEASONAL FACTOR	2020	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAG	Other goods and services	CUSR0000SAG	SEASONAL FACTOR	2021	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAG	Other goods and services	CUSR0000SAG	UNADJUSTED INDEX	2017	427.621	427.992	428.336	432.175	431.911	433.121	434.033	433.328	434.438	436.252	436.352	438.831
SAG	Other goods and services	CUSR0000SAG	UNADJUSTED INDEX	2018	437.687	438.306	439.269	442.653	442.710	442.851	443.170	442.934	443.409	444.334	445.480	445.059
SAG	Other goods and services	CUSR0000SAG	UNADJUSTED INDEX	2019	446.400	448.150	448.471	448.658	449.896	449.345	451.709	453.074	453.193	455.225	456.262	455.413
SAG	Other goods and services	CUSR0000SAG	UNADJUSTED INDEX	2020	458.336	460.144	461.495	461.294	460.730	462.149	463.712	462.847	463.455	465.429	466.211	466.332
SAG	Other goods and services	CUSR0000SAG	UNADJUSTED INDEX	2021	467.995	469.886	472.607	473.649	473.011	473.718	477.103	479.048	479.525	483.592	484.683	487.131
SAGC	Other goods	CUSR0000SAGC	SEASONALLY ADJUSTED INDEX	2017	109.558	109.613	109.271	111.168	111.052	111.343	111.461	110.944	111.386	112.478	112.502	112.034
SAGC	Other goods	CUSR0000SAGC	SEASONALLY ADJUSTED INDEX	2018	112.550	112.434	112.184	112.702	112.648	112.326	112.392	112.182	112.271	112.184	112.164	111.948
SAGC	Other goods	CUSR0000SAGC	SEASONALLY ADJUSTED INDEX	2019	112.542	112.999	113.478	113.805	114.093	113.680	113.388	114.870	114.805	115.657	116.227	115.125
SAGC	Other goods	CUSR0000SAGC	SEASONALLY ADJUSTED INDEX	2020	115.687	116.611	116.987	116.987	116.987	116.987	116.987	116.987	116.987	116.987	117.172	117.242
SAGC	Other goods	CUSR0000SAGC	SEASONALLY ADJUSTED INDEX	2021	118.500	118.900	119.178	119.706	119.541	119.682	119.912	120.354	120.523	121.424	122.345	122.635
SAGC	Other goods	CUSR0000SAGC	SEASONAL FACTOR	2017	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAGC	Other goods	CUSR0000SAGC	SEASONAL FACTOR	2018	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAGC	Other goods	CUSR0000SAGC	SEASONAL FACTOR	2019	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAGC	Other goods	CUSR0000SAGC	SEASONAL FACTOR	2020	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAGC	Other goods	CUSR0000SAGC	SEASONAL FACTOR	2021	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAGC	Other goods	CUSR0000SAGC	UNADJUSTED INDEX	2017	109.558	109.613	109.271	111.168	111.052	111.343	111.461	110.944	111.386	112.478	112.502	112.034
SAGC	Other goods	CUSR0000SAGC	UNADJUSTED INDEX	2018	112.550	112.434	112.184	112.702	112.648	112.326	112.392	112.182	112.271	112.184	112.164	111.948
SAGC	Other goods	CUSR0000SAGC	UNADJUSTED INDEX	2019	112.542	112.999	113.478	113.805	114.093	113.680	113.388	114.870	114.805	115.657	116.227	115.125
SAGC	Other goods	CUSR0000SAGC	UNADJUSTED INDEX	2020	115.611	116.611	116.987	116.987	116.987	116.987	116.987	116.987	116.987	116.987	117.172	117.242
SAGC	Other goods	CUSR0000SAGC	UNADJUSTED INDEX	2021	118.500	118.900	119.178	119.706	119.541	119.682	119.912	120.354	120.523	121.424	122.345	122.635
SAH	Housing	CUSR0000SAH	SEASONALLY ADJUSTED INDEX	2017	249.164	249.007	249.007	249.007	249.007	249.007	249.007	249.007	249.007	249.007	249.007	249.007
SAH	Housing	CUSR0000SAH	SEASONALLY ADJUSTED INDEX	2018	255.098	255.798	256.469	257.174	257.876	258.034	258.615	259.405	259.628	260.436	261.085	262.113
SAH	Housing	CUSR0000SAH	SEASONALLY ADJUSTED INDEX	2019	262.525	263.131	263.955	264.605	265.111	265.823	266.440	266.809	267.555	267.950	268.488	268.938
SAH	Housing	CUSR0000SAH	SEASONALLY ADJUSTED INDEX	2020	269.752	270.354	270.345	270.303	270.825	271.256	271.835	272.479	272.897	273.127	273.780	274.336
SAH	Housing	CUSR0000SAH	SEASONALLY ADJUSTED INDEX	2021	278.582	279.125	279.125	279.125	279.125	279.125	279.125	279.125	279.125	279.125	279.125	279.125
SAH	Housing	CUSR0000SAH	SEASONAL FACTOR	2017	99.911	99.954	99.952	99.986	99.987	100.077	100.073	100.210	100.151	99.934	99.755	99.713
SAH	Housing	CUSR0000SAH	SEASONAL FACTOR	2018	99.906	99.967	99.968	99.920	100.012	100.262	100.252	100.185	100.121	99.935	99.766	99.713
SAH	Housing	CUSR0000SAH	SEASONAL FACTOR	2019	99.908	99.972	99.974	99.942	100.010	100.240	100.248	100.170	100.100	99.942	99.790	99.739
SAH	Housing	CUSR0000SAH	SEASONAL FACTOR	2020	99.895	99.973	99.973	99.956	99.999	100.212	100.224	100.142	100.080	99.955	99.821	99.762
SAH	Housing	CUSR0000SAH	SEASONAL FACTOR	2021	99.910	99.984	99.984	99.962	99.999	100.220	100.235	100.146	100.075	99.950	99.817	99.764
SAH	Housing															

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SAH31	Household furnishings and supplies	CUSR0000SAH31	UNADJUSTED INDEX	2021	92.871	93.003	93.353	94.101	94.990	95.247	95.108	95.886	97.190	98.227	98.504	99.556
SAM	Medical care	CUSR0000SAM	SEASONALLY ADJUSTED INDEX	2017	471.484	473.139	473.685	473.007	472.981	474.492	476.279	477.199	477.199	477.199	477.199	478.891
SAM	Medical care	CUSR0000SAM	SEASONALLY ADJUSTED INDEX	2018	480.813	481.265	481.220	481.220	481.220	481.220	481.220	481.220	481.220	481.220	481.220	481.220
SAM	Medical care	CUSR0000SAM	SEASONALLY ADJUSTED INDEX	2019	489.949	490.006	491.324	492.855	494.658	495.692	497.582	500.784	502.304	506.640	508.357	510.862
SAM	Medical care	CUSR0000SAM	SEASONALLY ADJUSTED INDEX	2020	511.901	512.728	514.554	516.578	518.957	520.870	522.467	522.990	523.521	521.270	520.704	519.978
SAM	Medical care	CUSR0000SAM	SEASONALLY ADJUSTED INDEX	2021	521.888	523.030	523.686	524.142	523.659	523.126	523.951	524.845	525.861	524.134	529.754	531.268
SAM	Medical care	CUSR0000SAM	SEASONAL FACTOR	2017	100.044	100.044	100.044	100.044	100.044	100.044	100.044	100.044	100.044	100.044	100.044	100.044
SAM	Medical care	CUSR0000SAM	SEASONAL FACTOR	2018	100.152	100.278	100.192	100.108	100.081	99.970	99.991	99.980	99.985	99.896	99.856	99.765
SAM	Medical care	CUSR0000SAM	SEASONAL FACTOR	2019	100.052	100.249	100.200	100.097	100.055	99.974	100.021	100.026	99.834	99.893	99.839	99.770
SAM	Medical care	CUSR0000SAM	SEASONAL FACTOR	2020	100.048	100.233	100.204	100.092	100.046	99.974	100.042	100.058	99.810	99.895	99.836	99.767
SAM	Medical care	CUSR0000SAM	SEASONAL FACTOR	2021	100.047	100.225	100.200	100.085	100.049	99.974	100.051	100.077	99.802	99.892	99.834	99.766
SAM	Medical care	CUSR0000SAM	UNADJUSTED INDEX	2017	471.700	474.546	474.561	473.582	473.512	474.360	476.126	476.968	476.485	477.199	477.199	478.891
SAM	Medical care	CUSR0000SAM	UNADJUSTED INDEX	2018	481.060	482.897	483.984	484.034	484.853	486.019	485.193	484.172	484.708	485.269	486.886	487.409
SAM	Medical care	CUSR0000SAM	UNADJUSTED INDEX	2019	490.204	491.227	492.306	493.331	494.928	495.563	497.687	500.916	502.488	506.100	507.541	509.689
SAM	Medical care	CUSR0000SAM	UNADJUSTED INDEX	2020	512.149	513.923	515.605	517.053	519.194	520.734	522.686	523.295	522.528	520.725	519.848	518.696
SAM	Medical care	CUSR0000SAM	UNADJUSTED INDEX	2021	522.133	524.207	524.734	524.585	523.918	522.989	524.219	525.247	524.818	527.564	528.877	530.026
SAM2	Medical care services	CUSR0000SAM2	SEASONALLY ADJUSTED INDEX	2017	502.654	504.188	504.797	505.071	504.887	505.993	506.889	507.840	509.039	510.005	509.686	510.529
SAM2	Medical care services	CUSR0000SAM2	SEASONALLY ADJUSTED INDEX	2018	512.802	513.416	515.473	516.532	516.696	516.502	518.334	516.968	519.113	519.824	521.908	524.035
SAM2	Medical care services	CUSR0000SAM2	SEASONALLY ADJUSTED INDEX	2019	525.358	526.053	527.264	528.736	531.206	533.128	535.375	538.890	541.928	546.373	548.824	550.642
SAM2	Medical care services	CUSR0000SAM2	SEASONALLY ADJUSTED INDEX	2020	552.393	554.015	556.498	559.366	562.387	564.933	567.008	567.367	568.839	566.721	565.477	565.805
SAM2	Medical care services	CUSR0000SAM2	SEASONALLY ADJUSTED INDEX	2021	568.453	570.819	571.621	571.521	570.912	570.991	571.579	572.969	573.939	576.248	578.537	580.598
SAM2	Medical care services	CUSR0000SAM2	SEASONAL FACTOR	2017	100.059	100.380	100.237	100.155	100.143	99.964	99.959	99.911	99.811	99.853	99.842	99.708
SAM2	Medical care services	CUSR0000SAM2	SEASONAL FACTOR	2018	100.065	100.348	100.241	100.135	100.101	99.962	99.989	99.975	99.806	99.871	99.821	99.709
SAM2	Medical care services	CUSR0000SAM2	SEASONAL FACTOR	2019	100.065	100.310	100.249	100.120	100.068	99.968	100.026	100.033	99.794	99.868	99.802	99.716
SAM2	Medical care services	CUSR0000SAM2	SEASONAL FACTOR	2020	100.059	100.286	100.250	100.112	100.056	99.968	100.051	100.071	99.769	99.873	99.800	99.716
SAM2	Medical care services	CUSR0000SAM2	SEASONAL FACTOR	2021	100.057	100.273	100.243	100.103	100.060	99.968	100.062	100.093	99.760	99.869	99.799	99.717
SAM2	Medical care services	CUSR0000SAM2	UNADJUSTED INDEX	2017	502.948	506.105	505.991	505.855	505.611	505.813	506.681	507.390	508.078	509.256	508.879	509.045
SAM2	Medical care services	CUSR0000SAM2	UNADJUSTED INDEX	2018	513.133	515.265	516.003	516.271	516.271	516.271	516.271	516.271	516.271	516.271	516.271	516.271
SAM2	Medical care services	CUSR0000SAM2	UNADJUSTED INDEX	2019	525.698	527.683	528.575	529.371	531.566	532.955	535.061	539.046	540.813	545.652	547.735	549.077
SAM2	Medical care services	CUSR0000SAM2	UNADJUSTED INDEX	2020	552.721	555.597	557.889	559.994	562.701	564.754	567.299	567.771	567.525	565.999	565.345	564.201
SAM2	Medical care services	CUSR0000SAM2	UNADJUSTED INDEX	2021	568.778	572.378	573.009	572.508	571.255	570.509	571.834	573.500	572.559	573.077	577.076	578.555
SAN	Nondurables	CUSR0000SAN	SEASONALLY ADJUSTED INDEX	2017	219.353	219.540	220.186	218.822	217.418	219.042	219.908	218.798	220.821	221.350	222.737	223.723
SAN	Nondurables	CUSR0000SAN	SEASONALLY ADJUSTED INDEX	2018	224.036	225.231	223.880	225.288	226.462	226.670	226.408	226.646	227.454	228.095	226.133	223.728
SAN	Nondurables	CUSR0000SAN	SEASONALLY ADJUSTED INDEX	2019	222.646	224.145	225.762	227.778	228.026	226.635	227.426	226.628	226.711	227.542	227.955	228.588
SAN	Nondurables	CUSR0000SAN	SEASONALLY ADJUSTED INDEX	2020	228.429	228.413	228.147	228.042	219.806	223.346	224.601	225.529	225.639	225.318	225.391	227.834
SAN	Nondurables	CUSR0000SAN	SEASONALLY ADJUSTED INDEX	2021	229.837	232.310	234.660	234.888	236.233	238.631	240.701	242.236	243.569	246.263	249.378	250.940
SAN	Nondurables	CUSR0000SAN	SEASONAL FACTOR	2017	99.173	99.235	99.197	99.107	99.092	99.082	99.096	99.104	99.144	99.800	99.316	98.799
SAN	Nondurables	CUSR0000SAN	SEASONAL FACTOR	2018	99.176	99.287	99.988	100.566	100.835	100.552	100.270	100.111	100.314	100.316	99.650	98.980
SAN	Nondurables	CUSR0000SAN	SEASONAL FACTOR	2019	99.279	99.335	99.979	100.549	100.811	100.492	100.224	100.080	100.285	100.300	99.670	98.928
SAN	Nondurables	CUSR0000SAN	SEASONAL FACTOR	2020	99.374	99.388	99.985	100.535	100.737	100.420	100.189	100.058	100.274	100.336	99.692	98.946
SAN	Nondurables	CUSR0000SAN	SEASONAL FACTOR	2021	99.186	99.530	100.601	100.906	100.700	100.313	100.268	100.181	100.042	100.268	99.711	98.985
SAN	Nondurables	CUSR0000SAN	UNADJUSTED INDEX	2017	217.486	217.861	218.705	220.132	219.337	218.331	217.668	219.112	223.085	222.048	221.698	219.811
SAN	Nondurables	CUSR0000SAN	UNADJUSTED INDEX	2018	222.191	223.624	223.953	226.564	228.354	227.922	227.018	226.897	228.169	228.816	225.342	221.263
SAN	Nondurables	CUSR0000SAN	UNADJUSTED INDEX	2019	220.860	222.655	225.714	228.028	229.875	227.749	227.936	226.909	227.258	228.294	227.202	226.120
SAN	Nondurables	CUSR0000SAN	UNADJUSTED INDEX	2020	225.997	227.015	225.024	227.153	221.622	221.513	221.622	225.598	226.258	225.432	225.432	225.432
SAN	Nondurables	CUSR0000SAN	UNADJUSTED INDEX	2021	228.543	230.980	234.611	236.092	237.991	239.487	241.137	242.338	244.222	247.300	248.656	248.393
SANL1	Nondurables less food	CUSR0000SANL1	SEASONALLY ADJUSTED INDEX	2017	195.045	194.370	193.372	193.249	189.878	189.278	188.756	191.762	194.736	196.196	196.087	197.873
SANL1	Nondurables less food	CUSR0000SANL1	SEASONALLY ADJUSTED INDEX	2018	199.974	201.712	200.029	201.693	203.100	203.220	202.375	202.621	204.001	205.528	201.639	196.987
SANL1	Nondurables less food and beverages	CUSR0000SANL1	SEASONALLY ADJUSTED INDEX	2019	198.431	199.194	198.640	199.234	192.640	192.066	190.498	191.293	192.950	194.376	195.012	196.840
SANL1	Nondurables less food	CUSR0000SANL1	SEASONALLY ADJUSTED INDEX	2020	201.104	199.957	194.300	182.566	179.576	184.588	187.455	188.903	189.306	186.684	188.731	192.160
SANL1	Nondurables less food	CUSR0000SANL1	SEASONALLY ADJUSTED INDEX	2021	195.632	199.341	204.113	203.355	204.233	206.745	208.857	210.742	211.524	215.205	218.662	220.787
SANL1	Nondurables less food	CUSR0000SANL1	SEASONAL FACTOR	2017	98.139	98.600	97.733	100.874	101.808	101.337	100.760	100.404	100.687	100.400	99.378	97.466
SANL1	Nondurables less food	CUSR0000SANL1	SEASONAL FACTOR	2018	98.263	98.675	98.750	100.860	101.728	101.251	100.799	100.515	100.792	100.515	99.216	97.846
SANL1	Nondurables less food	CUSR0000SANL1	SEASONAL FACTOR	2019	98.431	98.771	99.679	100.837	101.704	101.139	100.624	100.322	100.617	100.489	99.439	97.975
SANL1	Nondurables less food	CUSR0000SANL1	SEASONAL FACTOR	2020	98.609	98.861	99.638	100.830	101.650	101.006	100.558	100.300	100.619	100.504	99.480	97.802
SANL1	Nondurables less food	CUSR0000SANL1	SEASONAL FACTOR	2021	98.735	98.923	99.628	100.803	101.599	100.891	100.551	100.292	100.622	100.489	99.511	97.952
SANL1	Nondurables less food	CUSR0000SANL1	UNADJUSTED INDEX	2017	191.411	192.659	192.659	192.659	192.659	192.659	192.659	192.659	192.659	192.659	192.659	192.659
SANL1	Nondurables less food	CUSR0000SANL1	UNADJUSTED INDEX	2018	196.483	199.039	198.529	203.427	206.610	205.782	203.811	203.356	202.352	206.470	200.436	197.950
SANL1	Nondurables less food	CUSR0000SANL1	UNADJUSTED INDEX	2019	191.151	193.659	198.584	204.336	205.504	201.854	202.021	200.471	200.521	201.629	199.858	197.719
SANL1	Nondurables less food	CUSR0000SANL1	UNADJUSTED INDEX	2020	198.307	197.680	193.597	184.081	182.539	186.445	188.502	189.140	197.410	189.614	187.750	188.305
SANL1	Nondurables less food	CUSR0000SANL1	UNADJUSTED INDEX	2021	193.157	197.194	203.354	204.988	207.498	208.587	210.008	211.357	212.840	216.257	217.593	219.592
SANL1	Nondurables less food and beverages	CUSR0000SANL1	SEASONALLY ADJUSTED INDEX	2017	191.944	191.238	190.997	190.012	186.492	185.902	185.311	184.800	193.316	194.966	194.799	196.799
SANL1	Nondurables less food and beverages	CUSR0000SANL1	SEASONALLY ADJUSTED INDEX	2018	196.998	198.803	197.038	198.746	200.2							

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SARS	Recreation services	CUSR0000SARS	SEASONAL FACTOR	2017	99.783	100.149	100.363	100.262	100.179	100.098	100.046	99.929	99.901	99.768	99.838	99.762
SARS	Recreation services	CUSR0000SARS	SEASONAL FACTOR	2018	99.811	100.178	100.332	100.190	100.109	100.018	100.002	99.961	99.955	99.826	99.878	99.849
SARS	Recreation services	CUSR0000SARS	SEASONAL FACTOR	2019	99.834	100.175	100.332	100.176	100.116	100.027	99.994	99.984	99.989	99.826	99.878	99.849
SARS	Recreation services	CUSR0000SARS	SEASONAL FACTOR	2020	99.881	100.117	100.170	100.068	100.026	99.975	100.009	100.023	100.002	99.951	99.926	99.909
SARS	Recreation services	CUSR0000SARS	SEASONAL FACTOR	2021	99.870	100.081	100.139	100.047	100.017	99.985	100.034	100.039	100.021	99.974	99.934	99.892
SARS	Recreation services	CUSR0000SARS	SEASONALLY ADJUSTED INDEX	2017	116.715	118.136	118.631	118.820	118.910	118.973	119.647	119.337	119.947	119.761	119.838	120.065
SARS	Recreation services	CUSR0000SARS	SEASONALLY ADJUSTED INDEX	2018	120.461	121.087	121.411	121.515	121.656	121.741	121.616	122.225	122.034	122.617	122.853	123.054
SARS	Recreation services	CUSR0000SARS	SEASONALLY ADJUSTED INDEX	2019	123.367	123.726	124.417	124.580	123.810	123.685	123.851	124.937	124.129	125.871	125.533	126.142
SARS	Recreation services	CUSR0000SARS	SEASONALLY ADJUSTED INDEX	2020	126.561	126.586	127.441	127.551	129.088	127.925	126.432	127.050	127.448	128.127	128.741	129.136
SARS	Recreation services	CUSR0000SARS	SEASONALLY ADJUSTED INDEX	2021	126.944	127.933	129.006	129.797	129.892	130.356	131.140	131.474	131.883	132.976	132.352	132.318
SAS	Services	CUSR0000SAS	SEASONALLY ADJUSTED INDEX	2017	304.871	305.741	305.619	306.250	306.909	307.581	308.083	308.982	309.629	310.458	310.990	311.887
SAS	Services	CUSR0000SAS	SEASONALLY ADJUSTED INDEX	2018	312.717	315.614	314.324	314.880	315.702	316.965	318.982	317.588	318.144	320.147	320.554	321.007
SAS	Services	CUSR0000SAS	SEASONALLY ADJUSTED INDEX	2019	321.089	321.634	322.445	323.293	323.806	324.644	325.339	326.140	326.926	329.482	328.628	329.288
SAS	Services	CUSR0000SAS	SEASONALLY ADJUSTED INDEX	2020	330.424	331.218	331.085	329.951	329.879	330.674	332.256	332.791	333.135	333.445	334.284	334.643
SAS	Services	CUSR0000SAS	SEASONALLY ADJUSTED INDEX	2021	334.815	335.731	336.937	338.627	339.985	341.313	342.312	342.831	343.808	345.648	346.911	348.100
SAS	Services	CUSR0000SAS	SEASONAL FACTOR	2017	99.879	99.980	99.981	99.961	100.057	100.222	100.163	100.114	100.066	99.980	99.890	99.760
SAS	Services	CUSR0000SAS	SEASONAL FACTOR	2018	99.872	99.998	100.004	99.977	100.062	100.202	100.158	100.108	100.053	99.956	99.871	99.763
SAS	Services	CUSR0000SAS	SEASONAL FACTOR	2019	99.877	99.997	100.003	99.980	100.049	100.177	100.167	100.107	100.042	99.967	99.893	99.789
SAS	Services	CUSR0000SAS	SEASONAL FACTOR	2020	99.868	99.976	99.981	99.974	100.024	100.149	100.163	100.105	100.030	99.982	99.924	99.817
SAS	Services	CUSR0000SAS	SEASONAL FACTOR	2021	99.891	99.977	99.966	99.968	100.020	100.161	100.211	100.121	100.024	99.969	99.921	99.807
SAS	Services	CUSR0000SAS	UNADJUSTED INDEX	2017	304.503	305.710	305.590	306.142	307.084	308.263	308.584	309.334	309.830	310.982	310.555	311.138
SAS	Services	CUSR0000SAS	UNADJUSTED INDEX	2018	312.318	313.608	314.337	314.801	315.957	317.004	317.482	317.932	318.312	318.699	319.334	319.794
SAS	Services	CUSR0000SAS	UNADJUSTED INDEX	2019	320.695	321.623	322.456	323.228	323.964	325.218	326.866	326.489	327.076	327.744	328.311	328.603
SAS	Services	CUSR0000SAS	UNADJUSTED INDEX	2020	329.987	331.139	331.021	329.866	329.958	331.166	332.797	333.141	333.236	333.385	334.031	334.300
SAS	Services	CUSR0000SAS	UNADJUSTED INDEX	2021	334.451	335.655	336.822	338.518	340.052	341.863	343.034	343.246	343.892	345.540	346.637	347.429
SAS24	Ut lites and public transportation	CUSR0000SAS24	SEASONALLY ADJUSTED INDEX	2017	217.048	217.768	215.406	215.933	216.274	216.514	216.374	216.280	216.585	215.945	215.865	216.000
SAS24	Ut lites and public transportation	CUSR0000SAS24	SEASONALLY ADJUSTED INDEX	2018	216.638	217.937	217.872	217.421	217.419	216.972	217.390	217.391	217.013	217.000	216.507	217.644
SAS24	Ut lites and public transportation	CUSR0000SAS24	SEASONALLY ADJUSTED INDEX	2019	217.485	217.365	217.362	217.676	217.516	217.127	217.371	217.078	216.879	216.242	216.241	216.851
SAS24	Ut lites and public transportation	CUSR0000SAS24	SEASONALLY ADJUSTED INDEX	2020	220.627	220.832	217.628	215.476	214.207	214.256	216.826	217.501	219.100	220.616	220.221	220.242
SAS24	Ut lites and public transportation	CUSR0000SAS24	SEASONALLY ADJUSTED INDEX	2021	222.096	222.664	223.078	225.762	224.496	228.624	229.164	229.005	229.123	231.525	232.450	233.199
SAS24	Ut lites and public transportation	CUSR0000SAS24	SEASONAL FACTOR	2017	99.383	99.624	99.571	99.650	100.302	101.205	100.894	100.472	100.297	99.768	99.655	99.216
SAS24	Ut lites and public transportation	CUSR0000SAS24	SEASONAL FACTOR	2018	99.371	99.568	99.567	99.567	100.000	100.903	100.438	100.253	99.768	99.655	99.216	99.216
SAS24	Ut lites and public transportation	CUSR0000SAS24	SEASONAL FACTOR	2019	99.370	99.595	99.549	99.667	100.312	101.189	100.903	100.426	100.257	99.817	99.693	99.235
SAS24	Ut lites and public transportation	CUSR0000SAS24	SEASONAL FACTOR	2020	99.356	99.572	99.560	99.687	100.330	101.173	100.903	100.380	100.222	99.867	99.729	99.262
SAS24	Ut lites and public transportation	CUSR0000SAS24	SEASONAL FACTOR	2021	99.340	99.556	99.553	99.696	100.338	101.159	100.908	100.349	100.194	99.903	99.755	99.279
SAS24	Ut lites and public transportation	CUSR0000SAS24	UNADJUSTED INDEX	2017	215.708	216.950	214.118	215.176	216.327	219.122	218.308	217.301	217.150	215.443	215.239	215.975
SAS24	Ut lites and public transportation	CUSR0000SAS24	UNADJUSTED INDEX	2018	215.276	217.064	216.906	216.961	217.907	218.886	218.712	218.886	219.142	216.101	215.900	216.007
SAS24	Ut lites and public transportation	CUSR0000SAS24	UNADJUSTED INDEX	2019	216.114	216.505	216.735	216.953	218.195	219.709	219.719	218.690	218.639	218.522	218.568	217.864
SAS24	Ut lites and public transportation	CUSR0000SAS24	UNADJUSTED INDEX	2020	219.206	219.886	216.968	214.801	214.913	216.770	218.283	218.326	219.656	220.237	220.301	220.601
SAS24	Ut lites and public transportation	CUSR0000SAS24	UNADJUSTED INDEX	2021	220.629	221.675	222.081	225.076	226.265	231.273	231.239	229.805	229.568	231.301	231.880	231.516
SAS2RS	Rent of shelter	CUSR0000SAS2RS	SEASONALLY ADJUSTED INDEX	2017	348.418	349.633	307.421	308.148	308.881	309.138	311.663	317.481	312.378	348.771	349.119	349.586
SAS2RS	Rent of shelter	CUSR0000SAS2RS	SEASONALLY ADJUSTED INDEX	2018	315.713	316.621	317.720	317.720	318.647	318.616	320.246	321.071	322.076	322.715	323.519	324.439
SAS2RS	Rent of shelter	CUSR0000SAS2RS	SEASONALLY ADJUSTED INDEX	2019	326.230	327.375	328.507	329.688	330.622	331.542	332.362	332.998	334.179	334.507	335.324	335.936
SAS2RS	Rent of shelter	CUSR0000SAS2RS	SEASONALLY ADJUSTED INDEX	2020	337.184	338.343	338.521	338.425	339.172	339.479	340.167	340.737	341.108	341.433	341.831	342.183
SAS2RS	Rent of shelter	CUSR0000SAS2RS	SEASONALLY ADJUSTED INDEX	2021	348.418	349.633	307.421	308.148	308.881	309.138	311.663	317.481	312.378	348.771	349.119	349.586
SAS2RS	Rent of shelter	CUSR0000SAS2RS	SEASONAL FACTOR	2017	99.930	99.962	100.008	99.991	100.022	100.073	100.099	100.086	100.030	100.019	99.910	99.864
SAS2RS	Rent of shelter	CUSR0000SAS2RS	SEASONAL FACTOR	2018	99.921	99.957	100.007	100.003	100.023	100.087	100.109	100.091	100.026	100.001	99.901	99.871
SAS2RS	Rent of shelter	CUSR0000SAS2RS	SEASONAL FACTOR	2019	99.917	99.948	100.008	100.008	100.023	100.095	100.120	100.096	100.023	99.985	99.901	99.877
SAS2RS	Rent of shelter	CUSR0000SAS2RS	SEASONAL FACTOR	2020	99.910	99.948	100.008	100.008	100.023	100.095	100.120	100.096	100.023	99.985	99.901	99.877
SAS2RS	Rent of shelter	CUSR0000SAS2RS	SEASONAL FACTOR	2021	99.913	99.940	100.008	100.005	100.018	100.103	100.139	100.093	100.024	99.969	99.909	99.886
SAS2RS	Rent of shelter	CUSR0000SAS2RS	UNADJUSTED INDEX	2017	305.891	306.821	307.446	308.121	309.960	309.949	310.444	311.749	312.473	313.538	313.899	314.740
SAS2RS	Rent of shelter	CUSR0000SAS2RS	UNADJUSTED INDEX	2018	315.725	316.485	317.743	318.657	319.889	320.325	321.421	322.368	322.800	323.524	324.148	324.863
SAS2RS	Rent of shelter	CUSR0000SAS2RS	UNADJUSTED INDEX	2019	326.962	327.962	328.962	329.962	330.962	331.962	332.962	333.962	334.962	335.962	336.962	337.962
SAS2RS	Rent of shelter	CUSR0000SAS2RS	UNADJUSTED INDEX	2020	338.889	338.144	338.549	338.441	339.243	339.822	340.618	341.060	341.185	341.341	341.501	341.779
SAS2RS	Rent of shelter	CUSR0000SAS2RS	UNADJUSTED INDEX	2021	342.373	343.181	344.364	345.661	346.824	348.684	350.358	350.863	352.081	353.377	354.787	356.091
SAS367	Other services	CUSR0000SAS367	SEASONALLY ADJUSTED INDEX	2017	348.624	349.316	346.404	346.306	346.398	346.533	347.070	347.598	348.016	348.451	348.959	349.644
SAS367	Other services	CUSR0000SAS367	SEASONALLY ADJUSTED INDEX	2018	356.195	356.679	357.320	357.859	357.571	357.959	358.479	359.214	359.182	360.357	360.307	363.161
SAS367	Other services	CUSR0000SAS367	SEASONALLY ADJUSTED INDEX	2019	364.641	364.595	365.536	366.059	367.448	366.805	368.023	368.802	369.369	370.297	370.924	371.017
SAS367	Other services	CUSR0000SAS367	SEASONALLY ADJUSTED INDEX	2020	370.020	371.135	372.483	373.673	374.101	374.945	376.429	377.425	378.584	380.322	380.041	380.688
SAS367	Other services	CUSR0000SAS367	SEASONAL FACTOR	2017	99.941	100.054	100.057	99.982	99.919	99.893	99.883	99.870	100.040	100.093	99.883	99.883
SAS367	Other services	CUSR0000SAS367	SEASONAL FACTOR	2018	99.955	100.066	100.069	99.940	99.893	99.870	99.881	100.030	100.151	100.120	100.073	100.015
SAS367	Other services	CUSR0000SAS367	SEASONAL FACTOR	2019	99.971	100.047	99.995	99.924	99.895	99.883	99.893	100.037	100.146	100.127	100.072	100.016
SAS367	Other services															

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SEAC02	Women's dresses	CUSR0000SEAC02	SEASONALLY ADJUSTED INDEX	2019	119.040	120.703	118.668	118.491	120.133	118.666	118.890	113.492	113.720	113.466	111.393	110.662
SEAC02	Women's dresses	CUSR0000SEAC02	SEASONALLY ADJUSTED INDEX	2020	108.988	112.053	107.096	98.082	89.259	88.402	91.323	94.098	94.606	94.861	96.034	97.845
SEAC02	Women's dresses	CUSR0000SEAC02	SEASONALLY ADJUSTED INDEX	2021	95.961	91.208	91.273	70.186	69.820	69.714	108.491	105.161	103.461	101.161	102.394	104.939
SEAC02	Women's dresses	CUSR0000SEAC02	SEASONAL FACTOR	2017	91.935	99.365	107.105	106.281	101.710	98.137	90.407	96.726	105.441	106.507	100.983	94.983
SEAC02	Women's dresses	CUSR0000SEAC02	SEASONAL FACTOR	2018	92.774	99.938	106.927	105.822	101.433	97.783	90.440	96.753	105.112	106.358	100.863	98.687
SEAC02	Women's dresses	CUSR0000SEAC02	SEASONAL FACTOR	2019	93.667	100.451	106.699	105.196	100.907	97.258	90.369	96.799	105.047	106.358	101.103	96.570
SEAC02	Women's dresses	CUSR0000SEAC02	SEASONAL FACTOR	2020	94.333	100.451	106.699	105.196	100.907	97.258	90.369	96.799	105.047	106.358	101.103	96.570
SEAC02	Women's dresses	CUSR0000SEAC02	SEASONAL FACTOR	2021	94.722	100.726	106.234	104.011	99.582	96.483	90.633	96.965	105.158	106.041	101.773	97.975
SEAC02	Women's dresses	CUSR0000SEAC02	UNADJUSTED INDEX	2017	114.664	122.470	132.910	131.247	123.300	121.342	115.164	118.513	127.686	129.570	123.284	116.545
SEAC02	Women's dresses	CUSR0000SEAC02	UNADJUSTED INDEX	2018	116.103	127.383	137.220	140.066	132.699	124.636	114.027	124.246	137.051	142.324	122.147	114.983
SEAC02	Women's dresses	CUSR0000SEAC02	UNADJUSTED INDEX	2019	111.501	121.247	126.618	124.648	121.222	115.412	107.440	109.859	119.458	120.680	112.622	107.060
SEAC02	Women's dresses	CUSR0000SEAC02	UNADJUSTED INDEX	2020	102.814	102.785	113.973	102.499	89.423	85.608	92.553	91.160	99.400	107.420	95.022	95.022
SEAC02	Women's dresses	CUSR0000SEAC02	UNADJUSTED INDEX	2021	90.881	93.886	101.000	101.292	98.632	99.101	108.220	101.970	108.798	110.016	105.767	102.625
SEAC03	Women's suits and separates	CUSR0000SEAC03	SEASONALLY ADJUSTED INDEX	2017	80.631	81.352	82.097	81.221	79.407	80.344	88.122	80.076	80.038	79.947	79.887	77.101
SEAC03	Women's suits and separates	CUSR0000SEAC03	SEASONALLY ADJUSTED INDEX	2018	79.258	81.182	80.319	81.035	81.731	81.285	78.725	75.696	77.867	78.060	77.004	76.736
SEAC03	Women's suits and separates	CUSR0000SEAC03	SEASONALLY ADJUSTED INDEX	2019	77.770	78.758	75.452	75.987	75.495	74.840	75.947	77.663	76.125	72.744	74.033	74.348
SEAC03	Women's suits and separates	CUSR0000SEAC03	SEASONALLY ADJUSTED INDEX	2020	73.305	73.493	72.327	69.197	67.691	67.770	68.530	68.610	69.332	68.827	66.839	67.769
SEAC03	Women's suits and separates	CUSR0000SEAC03	SEASONALLY ADJUSTED INDEX	2021	70.462	71.447	69.202	68.442	68.875	69.605	69.882	69.423	67.325	69.104	70.219	71.991
SEAC03	Women's suits and separates	CUSR0000SEAC03	SEASONAL FACTOR	2017	95.341	99.287	103.609	103.540	101.532	100.320	95.973	97.562	102.837	104.029	100.292	95.036
SEAC03	Women's suits and separates	CUSR0000SEAC03	SEASONAL FACTOR	2018	95.681	99.595	103.453	103.253	101.791	100.345	96.162	97.631	102.739	103.839	100.094	95.249
SEAC03	Women's suits and separates	CUSR0000SEAC03	SEASONAL FACTOR	2019	95.902	99.949	103.333	102.973	101.609	100.385	96.382	97.642	102.678	103.790	99.861	95.916
SEAC03	Women's suits and separates	CUSR0000SEAC03	SEASONAL FACTOR	2020	96.165	100.313	103.206	102.701	101.450	100.415	96.538	97.699	102.677	103.991	99.606	95.403
SEAC03	Women's suits and separates	CUSR0000SEAC03	SEASONAL FACTOR	2021	96.479	100.645	103.027	102.433	101.372	100.424	96.639	97.773	102.704	103.423	99.391	95.517
SEAC03	Women's suits and separates	CUSR0000SEAC03	UNADJUSTED INDEX	2017	76.874	80.772	85.060	84.096	80.941	80.601	76.953	78.124	82.309	83.162	79.218	73.289
SEAC03	Women's suits and separates	CUSR0000SEAC03	UNADJUSTED INDEX	2018	75.844	80.853	83.092	83.671	83.195	81.565	75.704	73.903	79.999	81.056	77.076	72.709
SEAC03	Women's suits and separates	CUSR0000SEAC03	UNADJUSTED INDEX	2019	74.583	76.719	77.967	78.256	76.659	75.128	73.199	75.836	78.163	75.901	73.920	70.868
SEAC03	Women's suits and separates	CUSR0000SEAC03	UNADJUSTED INDEX	2020	70.494	73.723	74.646	71.066	68.672	68.051	66.158	67.031	71.188	71.298	66.576	64.654
SEAC03	Women's suits and separates	CUSR0000SEAC03	UNADJUSTED INDEX	2021	67.981	69.165	70.138	67.124	65.736	65.820	64.958	66.161	68.425	70.161	68.204	66.706
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	SEASONALLY ADJUSTED INDEX	2017	105.508	106.072	107.454	108.774	107.260	105.171	106.480	106.606	107.053	109.777	107.152	105.005
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	SEASONALLY ADJUSTED INDEX	2018	107.441	108.117	106.067	106.034	106.554	104.543	104.739	105.536	103.683	104.441	105.102	104.543
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	SEASONALLY ADJUSTED INDEX	2019	104.025	101.659	104.400	106.167	104.788	104.593	104.168	103.544	104.696	104.681	103.849	103.359
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	SEASONALLY ADJUSTED INDEX	2020	97.166	97.216	97.166	97.166	97.166	97.166	97.166	97.166	97.166	97.166	97.166	97.166
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	SEASONALLY ADJUSTED INDEX	2021	98.320	100.074	106.810	101.549	101.503	102.225	102.108	103.475	102.311	102.030	101.525	103.108
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	SEASONAL FACTOR	2017	98.340	99.184	100.683	100.898	101.554	100.055	99.735	99.789	100.321	102.208	100.183	97.821
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	SEASONAL FACTOR	2018	98.375	99.265	100.838	101.044	101.579	99.822	99.639	99.931	100.473	101.158	100.041	97.582
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	SEASONAL FACTOR	2019	98.477	99.328	100.885	101.157	101.801	99.746	99.599	100.113	100.557	101.094	99.949	97.362
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	SEASONAL FACTOR	2020	98.527	98.713	100.265	101.279	101.543	99.829	99.592	100.148	100.592	101.348	99.876	97.273
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	SEASONAL FACTOR	2021	98.573	99.242	100.929	101.323	101.416	99.976	99.654	100.275	100.716	101.032	99.639	97.188
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	UNADJUSTED INDEX	2017	104.739	105.207	108.188	109.751	108.927	105.769	106.198	106.382	107.402	111.305	107.348	103.402
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	UNADJUSTED INDEX	2018	105.695	107.322	106.956	107.141	106.237	104.357	104.361	105.463	104.336	105.051	105.145	102.925
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	UNADJUSTED INDEX	2019	102.440	100.676	105.303	107.105	106.466	104.327	103.742	103.651	105.278	105.625	103.786	99.612
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	UNADJUSTED INDEX	2020	104.803	107.774	107.128	102.466	98.486	98.870	97.329	98.349	99.656	99.818	98.902	95.071
SEAC04	Women's underwear, nightwear, swimwear, and accessories	CUSR0000SEAC04	UNADJUSTED INDEX	2021	96.923	99.315	101.746	102.892	102.941	102.200	101.575	103.760	103.043	103.083	101.159	100.209
SEAD	Girls' apparel	CUSR0000SEAD	SEASONALLY ADJUSTED INDEX	2017	94.858	93.544	96.384	95.801	94.309	95.432	96.185	97.343	96.739	97.126	96.307	96.758
SEAD	Girls' apparel	CUSR0000SEAD	SEASONALLY ADJUSTED INDEX	2018	93.152	93.152	93.152	93.152	93.152	93.152	93.152	93.152	93.152	93.152	93.152	93.152
SEAD	Girls' apparel	CUSR0000SEAD	SEASONALLY ADJUSTED INDEX	2019	93.474	94.838	92.719	92.532	93.286	98.184	97.997	94.535	93.578	92.977	93.377	94.826
SEAD	Girls' apparel	CUSR0000SEAD	SEASONALLY ADJUSTED INDEX	2020	95.520	95.477	96.008	94.773	92.613	93.653	93.514	96.056	95.988	95.201	95.544	97.346
SEAD	Girls' apparel	CUSR0000SEAD	SEASONALLY ADJUSTED INDEX	2021	102.703	98.290	99.643	95.469	99.384	98.790	98.165	97.613	95.535	95.685	98.287	94.853
SEAD	Girls' apparel	CUSR0000SEAD	SEASONAL FACTOR	2017	92.091	92.091	92.091	92.091	92.091	92.091	92.091	92.091	92.091	92.091	92.091	92.091
SEAD	Girls' apparel	CUSR0000SEAD	SEASONAL FACTOR	2018	98.094	100.758	101.966	102.267	99.260	97.764	95.260	96.713	103.468	103.691	100.953	99.285
SEAD	Girls' apparel	CUSR0000SEAD	SEASONAL FACTOR	2019	98.206	101.380	101.855	102.218	99.241	98.019	95.293	96.870	103.331	103.107	100.647	99.343
SEAD	Girls' apparel	CUSR0000SEAD	SEASONAL FACTOR	2020	98.349	102.039	101.620	102.080	99.271	98.245	95.498	97.051	103.113	102.575	100.386	96.465
SEAD	Girls' apparel	CUSR0000SEAD	SEASONAL FACTOR	2021	98.493	102.126	101.926	102.126	99.483	98.465	95.498	97.051	103.113	102.575	100.386	96.465
SEAD	Girls' apparel	CUSR0000SEAD	UNADJUSTED INDEX	2017	93.049	93.666	98.342	98.055	94.386	92.992	91.499	93.668	100.177	101.461	96.743	95.807
SEAD	Girls' apparel	CUSR0000SEAD	UNADJUSTED INDEX	2018	93.287	94.332	97.220	99.543	96.987	92.444	87.002	90.263	97.800	100.905	96.947	91.676
SEAD	Girls' apparel	CUSR0000SEAD	UNADJUSTED INDEX	2019	91.797	96.147	94.439	94.585	92.878	96.239	93.289	91.576	96.695	95.866	93.981	94.203
SEAD	Girls' apparel	CUSR0000SEAD	UNADJUSTED INDEX	2020	93.949	92.423	91.564	92.423	91.564	92.423	91.564	92.423	91.564	92.423	91.564	92.423
SEAD	Girls' apparel	CUSR0000SEAD	UNADJUSTED INDEX	2021	101.155	100.765	97.114	97.308	98.827	97.195	93.713	94.878	98.452	97.896	95.558	94.234
SEAE	Footwear	CUSR0000SEAE	SEASONALLY ADJUSTED INDEX	2017	137.380	136.194	137.640	138.440	137.935	138.128	136.553	135.373	136.187	135.901	135.367	134.921
SEAE	Footwear	CUSR0000SEAE	SEASONALLY ADJUSTED INDEX	2018	134.057	135.699	138.799	137.953	137.054	136.213	137.181	136.084	135.093	134.089	134.788	134.731
SEAE	Footwear	CUSR0000SEAE	SEASONALLY ADJUSTED INDEX	2019	137.057	137.566	136.535	136.532	134.827	136.241	136.479	137.440	137.567	137.178	137.043	136.077
SEAE	Footwear	CUSR0000SEAE	SEASONALLY ADJUSTED INDEX	2020	138.052	131.214	136.255	136.255	136.255	136.255	136.255	136.255	136.255	136.255	136.255	136.255
SEAE	Footwear	CUSR0000SEAE	SEASONALLY ADJUSTED INDEX	2021	134.889</											

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SEEE04	Information hardware, calculators, and other consumer information items	CUSR0000SEEE04	UNADJUSTED INDEX	2021	12.263	12.120	11.950	11.913	11.774	11.613	11.686	11.773	11.719	11.527	11.452	11.506	
SEEE0C	Information technology commodities	CUSR0000SEEE0C	SEASONALLY ADJUSTED INDEX	2017	58.493	58.240	57.579	57.434	57.140	57.465	57.793	57.129	56.653	56.798	56.439	56.961	
SEEE0C	Information technology commodities	CUSR0000SEEE0C	SEASONALLY ADJUSTED INDEX	2018	58.493	58.240	57.579	57.434	57.140	57.465	57.793	57.129	56.653	56.798	56.439	56.961	
SEEE0C	Information technology commodities	CUSR0000SEEE0C	SEASONALLY ADJUSTED INDEX	2019	53.113	52.555	52.665	52.154	51.831	51.082	51.995	52.197	51.735	50.800	50.569	49.503	
SEEE0C	Information technology commodities	CUSR0000SEEE0C	SEASONALLY ADJUSTED INDEX	2020	49.142	49.472	49.790	49.804	49.568	49.348	49.165	49.108	47.627	47.383	47.437	47.566	
SEEE0C	Information technology commodities	CUSR0000SEEE0C	SEASONALLY ADJUSTED INDEX	2021	47.584	47.336	46.581	48.240	48.401	48.308	48.728	48.787	49.162	48.847	48.278	47.997	
SEEE0C	Information technology commodities	CUSR0000SEEE0C	SEASONALLY ADJUSTED INDEX	2017	99.931	100.112	99.931	100.112	100.112	99.931	100.112	100.112	100.112	100.112	100.112	99.931	98.852
SEEE0C	Information technology commodities	CUSR0000SEEE0C	SEASONALLY ADJUSTED INDEX	2018	99.936	100.082	99.936	100.099	100.049	100.033	100.099	100.174	100.078	99.827	99.901	99.878	99.878
SEEE0C	Information technology commodities	CUSR0000SEEE0C	SEASONALLY ADJUSTED INDEX	2019	99.936	100.036	99.918	100.056	100.012	100.006	100.088	100.190	100.141	99.886	99.923	99.893	99.893
SEEE0C	Information technology commodities	CUSR0000SEEE0C	SEASONALLY ADJUSTED INDEX	2020	99.890	99.992	99.863	100.024	99.992	99.972	100.118	100.267	100.262	99.920	99.916	99.870	99.870
SEEE0C	Information technology commodities	CUSR0000SEEE0C	SEASONALLY ADJUSTED INDEX	2021	99.891	99.947	99.852	100.002	99.952	99.952	100.099	100.240	100.256	99.969	99.934	99.884	99.884
SEEE0C	Information technology commodities	CUSR0000SEEE0C	UNADJUSTED INDEX	2017	58.457	58.305	57.557	57.518	57.197	57.484	57.855	57.218	56.659	56.798	56.439	56.961	
SEEE0C	Information technology commodities	CUSR0000SEEE0C	UNADJUSTED INDEX	2018	56.343	56.001	55.699	55.804	55.537	55.099	54.472	54.659	54.817	54.119	53.266	53.324	53.324
SEEE0C	Information technology commodities	CUSR0000SEEE0C	UNADJUSTED INDEX	2019	53.077	52.574	52.622	52.183	51.837	51.085	52.041	52.296	51.808	50.747	50.530	49.450	49.450
SEEE0C	Information technology commodities	CUSR0000SEEE0C	UNADJUSTED INDEX	2020	49.088	49.408	49.722	49.816	49.564	49.334	49.243	47.527	47.355	47.697	47.794	47.794	47.794
SEEE0C	Information technology commodities	CUSR0000SEEE0C	UNADJUSTED INDEX	2021	47.532	47.311	46.512	48.241	48.397	48.398	48.776	48.904	49.288	48.932	48.246	47.940	47.940
SEFA	Cereals and cereal products	CUSR0000SEFA	SEASONALLY ADJUSTED INDEX	2017	229.599	229.663	228.459	227.600	227.732	226.536	226.717	227.219	227.580	227.357	227.163	226.551	226.551
SEFA	Cereals and cereal products	CUSR0000SEFA	SEASONALLY ADJUSTED INDEX	2018	226.839	226.668	226.063	227.142	226.168	226.401	226.272	227.317	227.687	224.866	226.242	226.818	226.818
SEFA	Cereals and cereal products	CUSR0000SEFA	SEASONALLY ADJUSTED INDEX	2019	225.968	227.328	230.215	228.919	227.457	228.579	228.542	227.010	227.476	227.002	226.826	225.834	225.834
SEFA	Cereals and cereal products	CUSR0000SEFA	SEASONALLY ADJUSTED INDEX	2020	231.532	232.311	234.512	238.241	238.397	238.265	238.776	238.156	236.611	237.751	237.812	236.857	236.857
SEFA	Cereals and cereal products	CUSR0000SEFA	SEASONALLY ADJUSTED INDEX	2021	233.033	232.464	232.082	231.879	232.895	233.115	234.133	234.745	236.943	240.065	243.058	244.444	244.444
SEFA	Cereals and cereal products	CUSR0000SEFA	SEASONAL FACTOR	2017	99.902	99.808	99.954	100.100	100.315	100.516	100.770	100.495	99.820	99.741	99.167	99.423	99.423
SEFA	Cereals and cereal products	CUSR0000SEFA	SEASONAL FACTOR	2018	99.835	99.818	99.993	100.038	100.336	100.567	100.794	100.544	99.832	99.694	99.151	99.479	99.479
SEFA	Cereals and cereal products	CUSR0000SEFA	SEASONAL FACTOR	2019	99.802	99.777	100.055	99.924	100.373	100.632	100.824	100.606	99.789	99.536	99.149	99.585	99.585
SEFA	Cereals and cereal products	CUSR0000SEFA	SEASONAL FACTOR	2020	99.782	99.718	100.106	99.817	100.396	100.711	100.868	100.630	99.727	99.430	99.172	99.694	99.694
SEFA	Cereals and cereal products	CUSR0000SEFA	SEASONAL FACTOR	2021	99.773	99.671	100.147	99.713	100.429	100.762	100.898	100.617	99.679	99.363	99.191	99.795	99.795
SEFA	Cereals and cereal products	CUSR0000SEFA	UNADJUSTED INDEX	2017	229.374	229.221	228.354	227.827	228.449	227.704	228.463	228.343	227.917	226.609	225.271	225.245	225.245
SEFA	Cereals and cereal products	CUSR0000SEFA	UNADJUSTED INDEX	2018	226.461	226.295	225.537	225.010	225.127	224.881	225.678	225.555	224.839	223.530	223.233	223.233	223.233
SEFA	Cereals and cereal products	CUSR0000SEFA	UNADJUSTED INDEX	2019	225.520	226.821	230.342	228.745	228.305	230.024	228.425	228.385	226.997	226.009	224.887	224.886	224.886
SEFA	Cereals and cereal products	CUSR0000SEFA	UNADJUSTED INDEX	2020	226.530	226.169	228.033	232.267	235.715	236.930	234.667	232.979	232.810	232.244	230.994	232.794	232.794
SEFA	Cereals and cereal products	CUSR0000SEFA	UNADJUSTED INDEX	2021	232.504	231.699	232.402	231.213	233.804	234.892	236.236	236.194	236.183	239.731	241.091	243.944	243.944
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	SEASONALLY ADJUSTED INDEX	2017	237.610	237.311	236.512	238.241	238.397	238.265	238.776	238.156	236.611	237.751	237.812	236.857	236.857
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	SEASONALLY ADJUSTED INDEX	2018	236.942	240.210	237.379	240.174	239.081	238.771	237.322	236.953	239.748	232.562	234.145	234.808	234.808
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	SEASONALLY ADJUSTED INDEX	2019	235.312	234.765	236.349	235.760	235.969	236.245	236.506	235.942	236.032	234.783	232.929	233.243	233.243
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	SEASONALLY ADJUSTED INDEX	2020	234.390	233.572	234.611	239.121	238.267	242.137	238.934	238.917	238.085	240.227	240.170	240.424	240.424
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	SEASONALLY ADJUSTED INDEX	2021	238.513	238.211	237.897	236.239	238.222	240.198	240.848	240.899	247.859	252.213	255.311	255.844	255.844
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	SEASONAL FACTOR	2017	100.973	100.963	100.963	100.963	100.963	100.963	100.963	100.963	100.963	100.963	100.963	100.963	100.963
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	SEASONAL FACTOR	2018	100.837	100.604	100.538	100.216	101.432	100.934	101.953	101.341	100.869	99.106	96.184	96.371	96.371
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	SEASONAL FACTOR	2019	100.669	100.422	100.554	100.103	101.247	100.973	101.954	101.455	100.881	99.124	96.348	96.641	96.641
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	SEASONAL FACTOR	2020	100.564	100.256	100.566	99.943	101.054	101.044	101.913	101.546	100.926	99.125	96.474	96.875	96.875
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	SEASONAL FACTOR	2021	100.553	100.307	100.550	99.829	100.733	100.733	101.876	101.602	100.940	99.145	96.479	97.002	97.002
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	UNADJUSTED INDEX	2017	239.252	237.603	238.885	235.001	239.738	236.902	240.773	239.306	236.152	235.462	226.485	227.377	227.377
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	UNADJUSTED INDEX	2018	238.926	241.662	238.655	240.692	242.503	241.001	241.956	240.301	241.831	231.474	225.211	226.268	226.268
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	UNADJUSTED INDEX	2019	236.887	235.755	237.658	236.292	238.911	238.545	241.126	239.327	238.686	232.780	224.422	225.837	225.837
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	UNADJUSTED INDEX	2020	235.711	234.107	235.919	238.105	240.779	243.504	242.610	240.290	238.555	236.611	232.911	233.243	233.243
SEFA01	Flour and prepared flour mixes	CUSR0000SEFA01	UNADJUSTED INDEX	2021	239.720	238.561	239.229	235.836	241.371	242.767	245.336	248.825	250.198	249.956	246.663	248.322	248.322
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	SEASONALLY ADJUSTED INDEX	2017	237.867	235.592	234.100	233.893	234.055	234.286	234.236	234.364	234.394	233.961	233.201	233.233	233.233
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	SEASONALLY ADJUSTED INDEX	2018	233.563	233.093	233.064	236.404	234.944	236.533	237.293	237.709	239.898	233.616	237.535	237.131	237.131
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	SEASONALLY ADJUSTED INDEX	2019	235.933	235.411	241.329	238.017	241.028	241.028	241.028	238.791	239.898	233.616	237.535	237.131	237.131
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	SEASONALLY ADJUSTED INDEX	2020	238.969	238.826	238.665	245.297	244.241	245.329	245.329	245.189	244.968	244.878	244.211	245.149	245.149
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	SEASONALLY ADJUSTED INDEX	2021	244.683	244.094	243.570	243.400	243.946	242.702	244.231	243.555	246.958	247.596	249.847	251.634	251.634
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	SEASONAL FACTOR	2017	99.845	100.219	100.007	100.208	100.140	100.561	100.791	100.942	99.730	99.641	99.260	99.260	99.260
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	SEASONAL FACTOR	2018	99.681	100.081	99.899	100.063	100.063	100.063	100.063	100.063	99.431	99.431	99.431	99.431	99.431
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	SEASONAL FACTOR	2019	99.551	100.296	100.033	99.942	100.004	100.676	100.904	100.929	99.508	99.247	99.448	99.591	99.591
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	SEASONAL FACTOR	2020	99.482	100.259	100.104	99.818	100.023	100.671	100.964	100.859	99.555	99.078	99.490	99.773	99.773
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	SEASONAL FACTOR	2021	99.448	100.234	100.164	99.717	100.072	100.653	101.008	100.797	99.568	98.976	99.482	99.907	99.907
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	UNADJUSTED INDEX	2017	237.491	235.755	234.100	233.893	234.055	234.286	234.236	234.364	234.394	233.961	233.201	233.233	233.233
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	UNADJUSTED INDEX	2018	232.821	235.754	235.062	236.631	235.021	238.159	239.299	239.961	238.533	231.405	235.595	235.595	235.595
SEFA03	Rice, pasta, cornmeal	CUSR0000SEFA03	UNADJUSTED INDEX	2019	234.900	236.109	241.408	237.898	237.412	240.598	24						

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SEFD01	Bacon, breakfast sausage, and related products	CUSR0000SEFD01	SEASONAL FACTOR	2017	99.957	99.397	99.427	99.537	99.370	99.675	100.794	101.417	101.959	101.637	98.887	97.987
SEFD01	Bacon, breakfast sausage, and related products	CUSR0000SEFD01	SEASONAL FACTOR	2018	98.906	99.272	99.399	99.460	99.528	99.848	100.109	101.227	101.677	101.647	99.133	98.118
SEFD01	Bacon, breakfast sausage, and related products	CUSR0000SEFD01	SEASONAL FACTOR	2019	98.915	99.275	99.412	99.479	99.543	99.874	100.172	101.070	101.404	101.478	98.381	97.987
SEFD01	Bacon, breakfast sausage, and related products	CUSR0000SEFD01	SEASONAL FACTOR	2020	99.950	98.894	99.031	99.063	99.583	100.305	101.251	100.921	101.212	101.693	99.787	98.893
SEFD01	Bacon, breakfast sausage, and related products	CUSR0000SEFD01	SEASONAL FACTOR	2021	99.984	98.733	98.759	98.919	99.510	100.458	101.291	100.849	101.105	101.734	100.000	99.621
SEFD01	Bacon, breakfast sausage, and related products	CUSR0000SEFD01	UNADJUSTED INDEX	2017	153.462	154.876	158.774	159.024	157.949	158.705	161.207	165.612	168.022	166.546	159.315	157.683
SEFD01	Bacon, breakfast sausage, and related products	CUSR0000SEFD01	UNADJUSTED INDEX	2018	160.801	160.153	161.079	158.916	158.005	159.349	160.901	161.754	159.969	160.346	158.418	154.712
SEFD01	Bacon, breakfast sausage, and related products	CUSR0000SEFD01	UNADJUSTED INDEX	2019	158.639	157.919	158.703	157.418	160.553	161.213	164.136	160.821	161.856	162.577	160.826	160.178
SEFD01	Bacon, breakfast sausage, and related products	CUSR0000SEFD01	UNADJUSTED INDEX	2020	163.837	162.266	161.539	162.428	161.798	171.255	171.441	168.525	168.405	171.027	167.902	169.292
SEFD01	Bacon, breakfast sausage, and related products	CUSR0000SEFD01	UNADJUSTED INDEX	2021	169.545	168.012	170.396	174.707	177.278	181.695	185.338	188.373	192.989	197.371	197.752	196.881
SEFD02	Ham	CUSR0000SEFD02	SEASONALLY ADJUSTED INDEX	2017	197.798	199.111	205.247	200.865	196.067	200.896	206.664	203.471	199.716	205.352	201.912	204.001
SEFD02	Ham	CUSR0000SEFD02	SEASONALLY ADJUSTED INDEX	2018	200.868	198.399	199.255	200.366	201.568	203.046	200.529	196.911	198.709	202.467	199.690	200.146
SEFD02	Ham	CUSR0000SEFD02	SEASONALLY ADJUSTED INDEX	2019	202.218	197.371	203.600	203.732	205.585	199.586	203.795	206.350	206.396	209.422	210.606	208.735
SEFD02	Ham	CUSR0000SEFD02	SEASONALLY ADJUSTED INDEX	2020	211.468	217.555	220.083	215.702	223.080	224.198	213.622	213.848	212.614	212.642	209.058	212.025
SEFD02	Ham	CUSR0000SEFD02	SEASONALLY ADJUSTED INDEX	2021	217.656	230.126	212.417	219.640	215.697	221.066	219.589	222.526	227.271	227.810	231.640	233.550
SEFD02	Ham	CUSR0000SEFD02	SEASONAL FACTOR	2017	96.890	96.900	102.533	96.750	98.764	100.963	101.939	103.144	103.976	104.907	104.942	98.357
SEFD02	Ham	CUSR0000SEFD02	SEASONAL FACTOR	2018	96.734	96.530	99.656	97.106	99.186	101.264	102.076	103.173	103.901	103.908	100.249	95.970
SEFD02	Ham	CUSR0000SEFD02	SEASONAL FACTOR	2019	96.611	96.326	99.775	97.341	99.415	101.546	102.131	103.157	103.923	103.677	100.130	96.705
SEFD02	Ham	CUSR0000SEFD02	SEASONAL FACTOR	2020	96.631	96.324	99.891	97.512	99.476	101.362	102.018	103.164	103.975	103.647	100.089	95.555
SEFD02	Ham	CUSR0000SEFD02	SEASONAL FACTOR	2021	96.648	96.443	99.952	97.525	99.376	101.614	101.978	103.187	104.043	103.610	100.040	95.501
SEFD02	Ham	CUSR0000SEFD02	UNADJUSTED INDEX	2017	191.646	192.939	204.289	194.338	193.645	202.870	210.871	209.868	207.565	213.643	202.804	196.570
SEFD02	Ham	CUSR0000SEFD02	UNADJUSTED INDEX	2018	194.308	191.515	198.570	194.568	199.927	205.612	204.692	203.159	206.461	203.382	200.186	192.080
SEFD02	Ham	CUSR0000SEFD02	UNADJUSTED INDEX	2019	195.364	190.120	203.141	198.315	204.382	202.671	208.138	212.864	214.492	217.214	210.880	199.772
SEFD02	Ham	CUSR0000SEFD02	UNADJUSTED INDEX	2020	204.344	209.558	219.842	210.336	221.910	227.745	217.932	220.614	221.066	220.397	209.243	202.660
SEFD02	Ham	CUSR0000SEFD02	UNADJUSTED INDEX	2021	210.361	221.941	212.316	214.204	214.351	224.633	223.932	229.619	236.459	236.034	231.732	223.042
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	SEASONALLY ADJUSTED INDEX	2017	124.604	128.104	127.468	126.521	126.638	126.334	126.403	124.504	126.461	127.286	127.176	127.949
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	SEASONALLY ADJUSTED INDEX	2018	128.701	127.561	128.019	126.575	124.437	122.920	123.222	126.184	123.335	123.447	126.051	124.703
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	SEASONALLY ADJUSTED INDEX	2019	126.614	124.074	126.244	124.709	123.669	122.426	125.039	122.587	125.255	124.157	127.145	127.466
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	SEASONALLY ADJUSTED INDEX	2020	128.555	131.508	129.308	141.407	143.047	144.318	141.835	140.752	133.770	139.223	137.366	137.948
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	SEASONALLY ADJUSTED INDEX	2021	140.272	140.747	143.198	147.013	147.522	153.191	160.822	156.611	159.394	162.599	169.025	164.074
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	SEASONAL FACTOR	2017	98.839	98.841	98.359	99.034	99.750	100.300	100.903	100.211	100.781	100.422	100.758	99.290
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	SEASONAL FACTOR	2018	99.210	98.966	98.828	99.034	99.750	100.300	100.903	100.211	100.781	100.422	100.758	99.290
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	SEASONAL FACTOR	2019	99.354	98.851	98.398	98.971	100.212	100.972	101.172	101.783	100.150	100.362	100.528	99.118
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	SEASONAL FACTOR	2020	99.455	98.638	98.240	98.969	100.340	101.332	101.453	101.658	100.095	100.494	100.447	98.947
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	SEASONAL FACTOR	2021	99.371	98.503	97.985	98.956	100.395	101.642	101.690	101.681	100.153	100.580	100.343	98.754
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	UNADJUSTED INDEX	2017	123.157	126.619	125.376	125.299	126.321	126.733	127.544	127.257	127.449	127.823	128.140	127.045
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	UNADJUSTED INDEX	2018	127.684	126.171	126.922	125.267	124.443	123.046	124.434	126.815	127.075	128.871	128.011	124.015
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	UNADJUSTED INDEX	2019	125.793	122.984	124.229	123.497	126.741	125.740	126.525	124.773	125.443	126.783	127.784	126.193
SEFD04	Other pork including roasts, steaks, and ribs	CUSR0000SEFD04	UNADJUSTED INDEX	2020	127.855	129.717	127.032	139.949	143.534	146.240	148.963	134.086	133.897	139.130	137.979	138.298
SEFE	Other meats	CUSR0000SEFE	SEASONALLY ADJUSTED INDEX	2017	139.390	138.639	140.313	145.479	148.105	155.707	163.539	159.243	159.638	163.543	169.605	162.026
SEFE	Other meats	CUSR0000SEFE	SEASONALLY ADJUSTED INDEX	2018	154.234	154.421	155.288	152.688	154.658	152.744	156.480	155.718	151.677	146.637	146.778	146.778
SEFE	Other meats	CUSR0000SEFE	SEASONALLY ADJUSTED INDEX	2019	223.459	223.013	224.924	225.721	224.847	220.953	222.462	222.156	221.595	221.649	221.646	222.213
SEFE	Other meats	CUSR0000SEFE	SEASONALLY ADJUSTED INDEX	2020	221.695	223.960	222.404	224.543	225.205	225.066	226.239	226.551	225.433	225.242	225.645	226.030
SEFE	Other meats	CUSR0000SEFE	SEASONALLY ADJUSTED INDEX	2021	227.272	227.258	227.636	235.941	230.162	238.489	239.926	238.926	238.926	236.427	236.307	236.082
SEFE	Other meats	CUSR0000SEFE	SEASONAL FACTOR	2017	100.416	100.426	100.614	100.043	99.256	99.003	98.919	99.468	99.700	100.526	100.608	100.965
SEFE	Other meats	CUSR0000SEFE	SEASONAL FACTOR	2018	100.416	100.426	100.614	100.043	99.256	99.003	98.919	99.468	99.700	100.526	100.608	100.965
SEFE	Other meats	CUSR0000SEFE	SEASONAL FACTOR	2019	100.423	100.470	100.604	100.074	99.318	98.960	99.014	99.527	99.584	100.495	100.567	100.942
SEFE	Other meats	CUSR0000SEFE	SEASONAL FACTOR	2020	100.423	100.470	100.604	100.074	99.318	98.960	99.014	99.527	99.584	100.495	100.567	100.942
SEFE	Other meats	CUSR0000SEFE	SEASONAL FACTOR	2021	100.449	100.451	100.584	100.093	99.393	98.934	99.124	99.595	99.504	100.413	100.530	100.867
SEFE	Other meats	CUSR0000SEFE	UNADJUSTED INDEX	2017	224.334	223.678	226.000	222.445	222.208	219.798	224.301	222.844	222.613	226.539	224.936	225.943
SEFE	Other meats	CUSR0000SEFE	UNADJUSTED INDEX	2018	224.437	223.985	226.273	226.662	223.243	218.723	219.951	221.009	220.845	222.799	222.950	224.322
SEFE	Other meats	CUSR0000SEFE	UNADJUSTED INDEX	2019	222.631	222.103	224.747	224.029	223.649	222.448	223.537	243.251	224.495	225.145	227.146	227.146
SEFE	Other meats	CUSR0000SEFE	UNADJUSTED INDEX	2020	228.236	228.312	228.971	234.515	234.429	237.551	236.269	238.886	236.441	237.538	237.596	238.234
SEFE	Other meats	CUSR0000SEFE	UNADJUSTED INDEX	2021	237.845	238.241	238.561	240.101	236.945	236.477	240.721	237.671	242.044	246.114	249.038	253.637
SEFF02	Other uncooked poultry including turkey	CUSR0000SEFF02	SEASONALLY ADJUSTED INDEX	2017	155.115	154.361	155.185	154.098	153.336	150.759	149.717	149.699	150.205	150.373	149.264	153.101
SEFF02	Other uncooked poultry including turkey	CUSR0000SEFF02	SEASONALLY ADJUSTED INDEX	2018	147.561	147.456	146.835	146.787	146.787	146.787	146.787	146.787	146.787	146.787	146.787	146.787
SEFF02	Other uncooked poultry including turkey	CUSR0000SEFF02	SEASONALLY ADJUSTED INDEX	2019	144.220	148.359	145.287	147.480	144.400	145.638	143.874	145.282	149.155	147.323	148.924	150.721
SEFF02	Other uncooked poultry including turkey	CUSR0000SEFF02	SEASONALLY ADJUSTED INDEX	2020	150.778	153.313	155.779	156.063	159.773	158.506	159.616	161.622	167.675	166.669	161.732	158.908
SEFF02	Other uncooked poultry including turkey	CUSR0000SEFF02	SEASONALLY ADJUSTED INDEX	2021	162.820	161.370	160.164	163.311	164.471	164.781	168.797	171.335	167.378	167.450	169.032	167.889
SEFF02	Other uncooked poultry including turkey	CUSR0000SEFF02	SEASONAL FACTOR	2017	99.432	100.039	100.067	99.734	100.862	101.371	100.820	100.881	100.541	100.867	97.971	97.829
SEFF02	Other uncooked poultry including turkey	CUSR0000SEFF02	SEASONAL FACTOR	2018	99.372	99.966	99.966	99.966	99.966	100.864	100.864	100.864	100.864	100.864	100.864	100.864

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SEFJ03	Ice cream and related products	CUSR0000SEFJ03	UNADJUSTED INDEX	2018	225.711	221.256	222.898	221.776	217.138	216.739	214.601	217.620	220.907	222.092	221.662	224.125
SEFJ03	Ice cream and related products	CUSR0000SEFJ03	UNADJUSTED INDEX	2019	225.417	226.736	223.143	224.369	220.539	216.387	213.859	216.621	221.632	225.138	226.638	224.202
SEFJ03	Ice cream and related products	CUSR0000SEFJ03	SEASONALLY ADJUSTED INDEX	2020	227.141	226.517	228.986	233.252	233.379	231.674	229.501	229.125	231.992	229.200	231.952	233.088
SEFJ03	Ice cream and related products	CUSR0000SEFJ03	UNADJUSTED INDEX	2021	234.615	232.630	231.814	232.323	227.303	228.197	230.311	229.474	232.587	237.133	233.066	236.785
SEFK	Fresh fru ts	CUSR0000SEFK	SEASONALLY ADJUSTED INDEX	2017	353.340	353.632	359.586	361.374	360.572	361.795	364.170	362.518	364.909	365.066	364.374	365.292
SEFK	Fresh fru ts	CUSR0000SEFK	SEASONALLY ADJUSTED INDEX	2018	369.541	367.905	362.265	364.904	364.501	367.673	370.203	367.137	367.083	368.516	368.987	363.435
SEFK	Fresh fru ts	CUSR0000SEFK	SEASONALLY ADJUSTED INDEX	2019	367.230	365.077	360.503	362.421	360.442	361.240	359.535	356.610	358.910	358.255	362.440	358.096
SEFK	Fresh fru ts	CUSR0000SEFK	SEASONALLY ADJUSTED INDEX	2020	351.846	351.052	352.965	355.100	356.249	355.600	357.324	362.298	359.999	360.842	362.424	359.389
SEFK	Fresh fru ts	CUSR0000SEFK	SEASONALLY ADJUSTED INDEX	2021	364.698	369.913	372.233	376.299	376.450	381.257	376.064	375.935	378.577	375.406	383.715	388.202
SEFK	Fresh fru ts	CUSR0000SEFK	SEASONAL FACTOR	2017	100.431	99.892	99.261	100.304	100.896	98.670	98.967	99.045	100.398	101.771	100.604	99.768
SEFK	Fresh fru ts	CUSR0000SEFK	SEASONAL FACTOR	2018	100.325	99.815	99.493	100.678	100.334	98.907	98.826	99.100	100.141	101.526	100.283	99.443
SEFK	Fresh fru ts	CUSR0000SEFK	SEASONAL FACTOR	2019	100.204	99.786	99.698	101.086	101.143	99.127	98.973	99.095	99.898	99.545	99.546	99.434
SEFK	Fresh fru ts	CUSR0000SEFK	SEASONAL FACTOR	2020	100.996	99.828	99.838	101.432	101.325	99.277	98.982	98.924	100.628	101.940	99.721	99.450
SEFK	Fresh fru ts	CUSR0000SEFK	SEASONAL FACTOR	2021	100.050	99.873	99.930	101.638	101.504	99.353	98.911	99.004	99.948	101.042	99.623	99.493
SEFK	Fresh fru ts	CUSR0000SEFK	UNADJUSTED INDEX	2017	354.863	353.250	359.930	362.473	363.803	366.984	358.950	359.055	366.362	371.532	368.586	364.445
SEFK	Fresh fru ts	CUSR0000SEFK	UNADJUSTED INDEX	2018	370.741	367.225	360.428	367.381	367.904	363.653	365.858	363.832	367.601	366.016	360.004	361.791
SEFK	Fresh fru ts	CUSR0000SEFK	UNADJUSTED INDEX	2019	367.988	365.288	365.345	366.358	364.403	366.912	365.842	363.387	364.560	363.135	364.704	353.047
SEFK	Fresh fru ts	CUSR0000SEFK	UNADJUSTED INDEX	2020	352.185	350.446	352.394	360.185	360.968	353.031	353.685	358.764	358.661	364.954	351.413	358.011
SEFK	Fresh fru ts	CUSR0000SEFK	UNADJUSTED INDEX	2021	364.882	369.444	371.974	382.464	382.112	378.790	371.970	372.189	376.674	379.316	382.267	388.234
SEFK01	Apples	CUSR0000SEFK01	SEASONALLY ADJUSTED INDEX	2017	338.638	336.231	338.659	338.537	341.951	342.737	346.445	349.549	359.590	350.524	348.352	341.222
SEFK01	Apples	CUSR0000SEFK01	SEASONALLY ADJUSTED INDEX	2018	343.392	343.097	336.963	339.839	335.232	330.132	330.310	330.320	332.099	331.283	333.624	340.300
SEFK01	Apples	CUSR0000SEFK01	SEASONALLY ADJUSTED INDEX	2019	341.026	340.692	343.575	343.116	342.789	341.860	342.872	341.351	331.276	327.243	333.643	327.046
SEFK01	Apples	CUSR0000SEFK01	SEASONALLY ADJUSTED INDEX	2020	324.736	320.032	313.292	327.685	327.929	320.508	320.083	317.799	320.963	325.548	325.516	327.371
SEFK01	Apples	CUSR0000SEFK01	SEASONALLY ADJUSTED INDEX	2021	329.752	335.165	336.219	338.283	337.002	340.619	339.759	336.511	345.971	347.000	349.515	352.868
SEFK01	Apples	CUSR0000SEFK01	SEASONAL FACTOR	2017	97.729	98.916	99.120	99.153	100.487	102.228	104.001	106.218	101.671	97.798	96.611	96.310
SEFK01	Apples	CUSR0000SEFK01	SEASONAL FACTOR	2018	97.715	98.616	99.077	99.780	100.566	101.678	103.705	105.896	101.727	98.932	96.613	96.354
SEFK01	Apples	CUSR0000SEFK01	SEASONAL FACTOR	2019	97.732	98.440	99.164	100.130	100.570	101.574	103.445	105.456	101.711	98.819	96.642	96.296
SEFK01	Apples	CUSR0000SEFK01	SEASONALLY ADJUSTED INDEX	2020	97.711	98.267	99.187	100.467	101.147	102.156	103.194	105.003	101.637	98.912	96.642	96.296
SEFK01	Apples	CUSR0000SEFK01	SEASONAL FACTOR	2021	97.663	98.666	99.236	100.255	100.555	101.592	103.048	104.701	101.657	99.143	96.665	96.390
SEFK01	Apples	CUSR0000SEFK01	UNADJUSTED INDEX	2017	330.947	332.585	335.680	335.668	343.596	334.374	360.305	341.283	365.599	342.805	336.546	328.631
SEFK01	Apples	CUSR0000SEFK01	UNADJUSTED INDEX	2018	335.546	338.350	333.852	339.091	337.130	335.673	342.615	349.585	337.834	325.328	322.325	327.632
SEFK01	Apples	CUSR0000SEFK01	UNADJUSTED INDEX	2019	333.293	335.872	341.178	366.868	369.800	368.124	364.356	358.976	338.943	326.120	324.404	327.859
SEFK01	Apples	CUSR0000SEFK01	UNADJUSTED INDEX	2020	317.302	315.191	310.774	328.641	329.827	326.202	330.308	333.698	326.216	322.554	314.608	315.538
SEFK01	Apples	CUSR0000SEFK01	UNADJUSTED INDEX	2021	322.045	330.695	333.649	337.240	338.874	347.403	350.021	352.329	351.704	344.025	337.858	340.128
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONALLY ADJUSTED INDEX	2017	246.801	247.563	245.409	243.891	242.321	251.281	253.991	251.556	253.136	258.699	262.783	259.926
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONALLY ADJUSTED INDEX	2018	261.242	265.179	267.353	266.112	265.818	265.743	266.863	273.088	268.546	260.777	264.284	271.505
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONALLY ADJUSTED INDEX	2019	268.144	269.678	272.184	269.537	266.199	252.945	252.798	252.798	250.536	251.616	256.389	261.932
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONALLY ADJUSTED INDEX	2020	251.414	245.985	246.020	251.550	249.880	251.867	254.756	254.566	254.016	252.196	259.321	258.377
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONALLY ADJUSTED INDEX	2021	264.753	269.270	270.202	270.668	272.187	276.124	263.115	264.738	263.255	262.065	265.239	283.145
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONAL FACTOR	2017	93.642	93.369	94.044	94.676	95.852	102.332	104.525	105.739	105.510	107.822	100.040	94.942
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONAL FACTOR	2018	94.871	93.812	94.178	96.868	99.274	101.414	104.735	105.274	105.774	102.021	100.040	96.366
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONAL FACTOR	2019	94.685	94.182	94.318	97.320	99.855	101.825	104.033	105.021	105.224	106.269	100.933	95.922
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONAL FACTOR	2020	95.002	94.447	94.392	97.663	99.967	101.719	103.713	104.883	104.824	105.580	101.321	96.179
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONAL FACTOR	2021	95.125	94.477	94.395	97.856	100.941	101.622	103.585	104.822	104.729	105.057	101.484	96.914
SEFK03	Citrus fruits	CUSR0000SEFK03	UNADJUSTED INDEX	2017	246.801	247.563	245.409	243.891	242.321	251.281	253.991	251.556	253.136	258.699	262.783	259.926
SEFK03	Citrus fruits	CUSR0000SEFK03	UNADJUSTED INDEX	2018	261.242	265.179	267.353	266.112	265.818	265.743	266.863	273.088	268.546	260.777	264.284	271.505
SEFK03	Citrus fruits	CUSR0000SEFK03	UNADJUSTED INDEX	2019	268.144	269.678	272.184	269.537	266.199	252.945	252.798	252.798	250.536	251.616	256.389	261.932
SEFK03	Citrus fruits	CUSR0000SEFK03	UNADJUSTED INDEX	2020	251.414	245.985	246.020	251.550	249.880	251.867	254.756	254.566	254.016	252.196	259.321	258.377
SEFK03	Citrus fruits	CUSR0000SEFK03	UNADJUSTED INDEX	2021	264.753	269.270	270.202	270.668	272.187	276.124	263.115	264.738	263.255	262.065	265.239	283.145
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONAL FACTOR	2017	93.642	93.369	94.044	94.676	95.852	102.332	104.525	105.739	105.510	107.822	100.040	94.942
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONAL FACTOR	2018	94.871	93.812	94.178	96.868	99.274	101.414	104.735	105.274	105.774	102.021	100.040	96.366
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONAL FACTOR	2019	94.685	94.182	94.318	97.320	99.855	101.825	104.033	105.021	105.224	106.269	100.933	95.922
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONAL FACTOR	2020	95.002	94.447	94.392	97.663	99.967	101.719	103.713	104.883	104.824	105.580	101.321	96.179
SEFK03	Citrus fruits	CUSR0000SEFK03	SEASONAL FACTOR	2021	95.125	94.477	94.395	97.856	100.941	101.622	103.585	104.822	104.729	105.057	101.484	96.914
SEFK04	Other fresh fruits	CUSR0000SEFK04	SEASONALLY ADJUSTED INDEX	2017	246.801	247.563	245.409	243.891	242.321	251.281	253.991	251.556	253.136	258.699	262.783	259.926
SEFK04	Other fresh fruits	CUSR0000SEFK04	SEASONALLY ADJUSTED INDEX	2018	261.242	265.179	267.353	266.112	265.818	265.743	266.863	273.088	268.546	260.777	264.284	271.505
SEFK04	Other fresh fruits	CUSR0000SEFK04	SEASONALLY ADJUSTED INDEX	2019	268.144	269.678	272.184	269.537	266.199	252.945	252.798	252.798	250.536	251.616	256.389	261.932
SEFK04	Other fresh fruits	CUSR0000SEFK04	SEASONALLY ADJUSTED INDEX	2020	251.414	245.985	246.020	251.550	249.880	251.867	254.756	254.566	254.016	252.196	259.321	258.377
SEFK04	Other fresh fruits	CUSR0000SEFK04	SEASONALLY ADJUSTED INDEX	2021	264.753	269.270	270.202	270.668	272.187	276.124	263.115	264.738	263.255	262.065	265.239	283.145
SEFK04	Other fresh fruits	CUSR0000SEFK04	SEASONAL FACTOR	2017	93.642	93.369	94.044	94.676	95.852	102.332	104.525	105.739	105.510	107.822	100.040	94.942
SEFK04	Other fresh fruits	CUSR0000SEFK04	SEASONAL FACTOR	2018	94.871	93.812	94.178	96.868	99.274	101.414	104.735	105.274	105.774	102.021	100.040	96.366
SEFK04	Other fresh fruits	CUSR0000SEFK04	SEASONAL FACTOR	2019	94.685	94.182	94.318	97.320	99.855	101.825	104.033	105.02				

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SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	SEASONALLY ADJUSTED INDEX	2019	160.580	163.468	165.892	163.036	164.842	164.536	162.487	163.672	164.164	164.392	163.572	164.113
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	SEASONALLY ADJUSTED INDEX	2020	163.855	163.301	164.578	169.467	168.528	170.272	170.619	169.249	170.292	169.061	171.775	172.146
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	SEASONALLY ADJUSTED INDEX	2021	171.180	153.255	172.297	153.514	173.538	173.922	174.571	175.475	158.844	178.301	178.222	178.372
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	SEASONAL FACTOR	2017	99.713	100.546	99.867	100.233	101.110	100.905	100.701	100.868	100.382	99.723	97.691	98.319
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	SEASONAL FACTOR	2018	99.708	100.513	99.910	100.228	101.094	100.886	100.675	100.766	100.379	99.718	97.762	98.398
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	SEASONAL FACTOR	2019	99.674	100.491	99.951	100.252	101.082	100.883	100.621	100.689	100.435	99.665	97.845	98.473
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	SEASONAL FACTOR	2020	99.621	100.457	99.903	100.217	101.043	100.845	100.573	100.646	100.387	99.617	97.807	98.546
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	SEASONAL FACTOR	2021	99.583	100.432	100.060	100.274	101.090	100.911	100.647	100.541	100.469	99.636	97.953	98.801
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	UNADJUSTED INDEX	2017	159.891	160.710	160.241	158.996	159.918	159.396	158.727	159.613	158.486	156.015	153.843	152.621
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	UNADJUSTED INDEX	2018	158.936	158.107	156.410	158.884	160.160	159.713	158.927	161.316	161.488	158.735	154.905	157.383
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	UNADJUSTED INDEX	2019	160.057	164.271	165.811	163.448	166.825	165.368	163.496	164.800	164.878	163.841	160.947	161.607
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	UNADJUSTED INDEX	2020	162.642	164.047	164.599	169.917	170.346	171.793	171.562	170.290	171.087	168.600	168.765	169.633
SEFM01	Canned fruits and vegetables	CUSR0000SEFM01	UNADJUSTED INDEX	2021	170.968	172.091	172.353	173.585	175.530	175.443	176.602	175.917	175.253	176.397	175.229	176.863
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	SEASONALLY ADJUSTED INDEX	2017	148.694	148.286	148.893	148.379	149.352	149.769	148.820	149.263	148.308	148.947	146.731	144.186
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	SEASONALLY ADJUSTED INDEX	2018	146.580	147.993	147.031	146.529	144.852	143.789	144.847	145.062	145.384	144.918	145.514	144.117
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	SEASONALLY ADJUSTED INDEX	2019	143.305	144.584	145.147	142.901	142.618	144.115	144.991	143.076	142.967	143.854	145.485	144.729
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	SEASONALLY ADJUSTED INDEX	2020	146.268	146.043	146.351	149.109	151.377	151.090	150.755	151.436	152.418	152.360	151.581	151.947
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	SEASONALLY ADJUSTED INDEX	2021	152.068	151.367	151.443	152.105	152.707	151.937	152.684	153.738	154.138	154.847	155.878	160.296
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	SEASONAL FACTOR	2017	99.264	99.579	99.631	100.741	100.335	101.114	101.108	100.796	100.009	100.077	99.071	98.407
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	SEASONAL FACTOR	2018	99.150	99.462	99.710	100.806	100.368	101.229	101.012	100.697	99.898	100.136	99.104	98.457
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	SEASONAL FACTOR	2019	99.149	99.356	99.731	100.890	100.458	101.242	100.936	100.613	99.852	100.122	99.090	98.567
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	SEASONAL FACTOR	2020	99.227	99.253	99.715	100.912	100.566	101.250	100.877	100.565	99.838	100.055	99.036	98.668
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	SEASONAL FACTOR	2021	99.370	99.133	99.659	100.979	100.677	101.221	100.836	100.526	99.836	99.998	98.991	98.758
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	UNADJUSTED INDEX	2017	147.600	147.662	148.344	149.478	149.852	151.437	150.469	150.392	148.321	149.062	145.346	145.825
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	UNADJUSTED INDEX	2018	145.334	147.197	146.604	147.710	145.385	145.566	146.213	146.043	145.235	145.115	144.210	142.188
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	UNADJUSTED INDEX	2019	142.085	143.653	144.756	144.172	143.271	145.905	146.046	143.953	142.756	144.030	144.163	142.654
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	UNADJUSTED INDEX	2020	145.137	144.953	145.935	150.468	152.224	152.979	152.077	152.291	152.172	152.444	150.120	149.923
SEFM02	Frozen fruits and vegetables	CUSR0000SEFM02	UNADJUSTED INDEX	2021	151.110	145.103	151.108	150.322	150.349	150.931	150.816	152.814	153.885	154.547	153.885	154.286
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	SEASONALLY ADJUSTED INDEX	2017	158.016	158.108	161.219	157.437	158.016	160.220	157.384	156.179	157.139	160.837	156.515	155.057
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	SEASONALLY ADJUSTED INDEX	2018	154.921	156.873	155.223	157.382	156.378	156.633	155.295	157.813	154.915	154.798	153.187	154.223
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	SEASONALLY ADJUSTED INDEX	2019	153.403	152.312	152.886	151.243	151.340	151.709	154.819	153.084	152.423	153.673	156.540	154.729
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	SEASONALLY ADJUSTED INDEX	2020	153.081	152.484	152.187	151.435	152.111	151.812	152.816	153.146	152.427	154.617	154.142	154.127
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	SEASONALLY ADJUSTED INDEX	2021	159.211	159.571	161.156	161.526	160.773	160.001	159.590	160.243	162.215	162.554	164.154	164.845
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	SEASONAL FACTOR	2017	100.244	100.814	99.272	100.072	100.382	100.882	100.586	99.713	100.253	99.991	98.905	99.169
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	SEASONAL FACTOR	2018	100.018	100.417	99.415	100.091	100.515	100.926	100.579	99.753	100.387	99.936	98.857	99.349
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	SEASONAL FACTOR	2019	99.790	100.113	99.543	100.127	100.541	100.970	100.518	99.824	100.475	99.840	98.768	99.547
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	SEASONAL FACTOR	2020	99.652	99.862	100.174	100.132	100.762	100.952	100.457	99.892	99.740	98.971	98.741	99.670
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	SEASONAL FACTOR	2021	99.584	99.739	99.817	100.133	100.808	100.937	100.446	99.917	100.516	99.605	98.768	99.761
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	UNADJUSTED INDEX	2017	160.272	159.394	160.045	157.550	158.619	158.305	158.307	155.730	157.537	156.823	154.801	153.768
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	UNADJUSTED INDEX	2018	154.948	157.527	154.315	157.183	158.084	158.194	157.423	155.514	154.698	151.573	153.226	152.626
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	UNADJUSTED INDEX	2019	153.081	152.484	152.187	151.435	152.111	151.812	152.816	153.146	152.427	154.617	154.142	154.127
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	UNADJUSTED INDEX	2020	155.027	155.259	156.190	157.358	162.303	161.668	161.174	162.792	161.635	159.267	156.596	159.609
SEFM03	Other processed fruits and vegetables including dried	CUSR0000SEFM03	UNADJUSTED INDEX	2021	158.548	159.154	160.861	161.741	162.072	161.500	160.302	160.111	163.051	161.913	162.161	164.154
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	SEASONALLY ADJUSTED INDEX	2017	127.731	128.067	128.873	129.024	130.099	129.252	129.114	129.295	129.298	129.048	129.059	128.471
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	SEASONALLY ADJUSTED INDEX	2018	128.699	128.463	128.368	128.368	128.368	128.368	128.368	128.368	128.368	128.368	128.368	128.368
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	SEASONALLY ADJUSTED INDEX	2019	132.870	133.603	133.505	132.796	134.379	132.976	132.802	132.865	133.441	133.324	134.158	133.832
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	SEASONALLY ADJUSTED INDEX	2020	134.265	134.238	135.446	141.083	141.438	142.003	141.727	141.603	140.896	140.102	140.136	140.576
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	SEASONALLY ADJUSTED INDEX	2021	140.936	140.976	140.943	141.433	140.645	141.737	142.992	144.217	146.431	147.180	147.610	148.657
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	SEASONAL FACTOR	2017	100.691	100.691	100.691	100.691	100.691	100.691	100.691	100.691	100.691	100.691	100.691	100.691
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	SEASONAL FACTOR	2018	100.749	101.172	100.893	101.303	100.944	100.947	99.283	99.519	99.842	100.239	99.429	98.485
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	SEASONAL FACTOR	2019	100.813	101.204	100.999	100.304	99.439	99.523	99.292	99.526	99.779	100.176	99.294	99.529
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	SEASONAL FACTOR	2020	100.874	101.249	101.076	100.303	99.397	99.539	99.309	99.555	99.723	100.138	99.214	99.595
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	SEASONAL FACTOR	2021	100.899	101.251	101.083	100.303	99.397	99.539	99.309	99.555	99.723	100.138	99.214	99.595
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	UNADJUSTED INDEX	2017	128.622	130.494	129.775	129.447	129.394	128.518	128.212	128.694	129.119	129.465	128.475	127.554
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	UNADJUSTED INDEX	2018	129.654	128.622	129.646	129.121	128.289	128.666	128.499	129.184	130.708	131.828	130.698	130.754
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	UNADJUSTED INDEX	2019	133.950	135.211	134.839	133.200	133.626	132.342	131.862	132.235	133.147	133.558	133.210	133.202
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	UNADJUSTED INDEX	2020	135.433	135.201	135.433	135.201	135.433	135.201	135.433	135.201	135.433	135.201	135.433	135.201
SEFN	Juices and nonalcoholic drinks	CUSR0000SEFN	UNADJUSTED INDEX	2021	142.196	142.742	142.507	141.888	139.710	140.172	140.052	143.661	145.927	147.140	146.353	148.155
SEFN01	Carbonated drinks	CUSR0000SEFN01	SEASONALLY ADJUSTED INDEX	2017	160.192	161.757	161.114	161.677	163.634	163.144	161.445	161.116	162.093	162.448	161.670	160.656
SEFN01	Carbonated drinks	CUSR0000SEFN01	SEASONALLY ADJUSTED INDEX	2018	160.698	161.252	161.320	161.720	162.634	163.147	162.726	164.657	165.807	166.820	166.747	167.297
SEFN01	Carbonated drinks	CUSR0000SEFN01	SEASONALLY ADJUSTED INDEX	2019	169.268	169.277	169.765	169.689	172.565	168.272	167.917	168.334	170.109	168.3		

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SEFR03	Other sweets	CUSR0000SEFR03	SEASONAL FACTOR	2020	100.549	100.569	100.605	100.583	99.737	100.196	100.064	99.717	100.269	99.984	99.442	98.604
SEFR03	Other sweets	CUSR0000SEFR03	SEASONAL FACTOR	2021	100.460	100.442	100.553	100.499	99.750	100.153	100.057	99.820	100.245	99.981	99.429	98.675
SEFR03	Other sweets	CUSR0000SEFR03	SEASONAL FACTOR	2022	100.572	100.513	100.556	100.511	99.578	100.123	100.060	101.426	101.269	101.157	100.611	100.287
SEFR03	Other sweets	CUSR0000SEFR03	UNADJUSTED INDEX	2018	157.283	157.256	156.448	157.014	153.520	155.103	154.034	151.682	154.488	151.062	151.784	150.265
SEFR03	Other sweets	CUSR0000SEFR03	UNADJUSTED INDEX	2019	154.012	155.203	157.807	154.781	153.091	153.811	153.671	154.657	154.967	154.967	154.106	152.533
SEFR03	Other sweets	CUSR0000SEFR03	UNADJUSTED INDEX	2020	156.192	154.400	156.250	154.980	157.060	157.471	157.339	157.157	155.095	156.870	155.919	156.252
SEFR03	Other sweets	CUSR0000SEFR03	UNADJUSTED INDEX	2021	156.970	157.617	158.478	159.375	158.266	157.439	160.150	160.838	162.599	160.857	161.907	164.564
SEFR03	Fats and oils	CUSR0000SEFR03	SEASONALLY ADJUSTED INDEX	2017	224.418	225.406	227.376	226.904	224.414	227.674	229.392	228.440	228.446	228.446	228.652	228.584
SEFR03	Fats and oils	CUSR0000SEFR03	SEASONALLY ADJUSTED INDEX	2018	228.165	228.872	227.768	228.978	227.644	227.378	228.049	228.186	228.013	227.832	228.146	227.718
SEFR03	Fats and oils	CUSR0000SEFR03	SEASONALLY ADJUSTED INDEX	2019	228.480	227.841	229.397	224.342	228.132	227.459	225.334	224.816	224.990	225.820	226.049	224.593
SEFR03	Fats and oils	CUSR0000SEFR03	SEASONALLY ADJUSTED INDEX	2020	226.963	225.939	228.844	230.477	230.197	230.844	230.372	230.127	229.830	229.580	229.487	230.528
SEFR03	Fats and oils	CUSR0000SEFR03	SEASONALLY ADJUSTED INDEX	2021	231.365	232.430	232.418	231.008	231.912	230.926	232.087	232.834	245.695	247.166	250.388	251.258
SEFR03	Fats and oils	CUSR0000SEFR03	SEASONAL FACTOR	2017	100.044	100.323	99.883	99.980	100.391	99.730	100.528	100.233	100.622	100.599	98.826	99.032
SEFR03	Fats and oils	CUSR0000SEFR03	SEASONAL FACTOR	2018	100.017	100.371	99.876	100.068	100.188	99.977	100.578	100.213	100.605	100.455	98.794	98.904
SEFR03	Fats and oils	CUSR0000SEFR03	SEASONAL FACTOR	2019	100.025	100.404	99.865	100.140	100.300	99.806	100.575	100.221	100.614	100.358	98.774	98.819
SEFR03	Fats and oils	CUSR0000SEFR03	SEASONAL FACTOR	2020	100.070	100.421	99.848	100.151	100.378	99.824	100.545	100.230	100.634	100.381	98.781	98.765
SEFR03	Fats and oils	CUSR0000SEFR03	SEASONAL FACTOR	2021	100.110	100.414	99.830	100.148	100.405	99.843	100.503	100.251	100.662	100.301	98.772	98.761
SEFR03	Fats and oils	CUSR0000SEFR03	UNADJUSTED INDEX	2017	224.516	226.134	227.109	226.858	228.485	227.858	230.633	228.973	229.868	229.835	225.967	226.317
SEFR03	Fats and oils	CUSR0000SEFR03	UNADJUSTED INDEX	2018	228.205	229.721	227.486	229.133	227.052	226.871	229.367	228.672	229.393	228.868	225.959	225.233
SEFR03	Fats and oils	CUSR0000SEFR03	UNADJUSTED INDEX	2019	228.536	228.762	229.087	224.656	228.817	227.018	226.630	225.314	226.372	226.629	227.271	221.930
SEFR03	Fats and oils	CUSR0000SEFR03	UNADJUSTED INDEX	2020	227.123	226.890	228.497	230.824	231.069	230.438	231.628	230.656	231.286	230.729	226.690	228.076
SEFR03	Fats and oils	CUSR0000SEFR03	UNADJUSTED INDEX	2021	231.620	233.393	232.023	234.797	237.089	236.724	240.931	243.444	244.221	242.859	247.314	248.145
SEFR01	Butter and margarine	CUSR0000SEFR01	SEASONALLY ADJUSTED INDEX	2017	200.723	202.620	204.478	204.622	205.449	204.590	206.403	207.308	205.819	205.201	205.204	208.885
SEFR01	Butter and margarine	CUSR0000SEFR01	SEASONALLY ADJUSTED INDEX	2018	205.960	204.427	204.006	207.933	204.463	205.478	205.916	203.054	205.777	205.219	207.673	206.635
SEFR01	Butter and margarine	CUSR0000SEFR01	SEASONALLY ADJUSTED INDEX	2019	206.351	208.100	210.621	205.025	206.526	208.081	205.243	204.090	204.314	205.073	205.268	204.731
SEFR01	Butter and margarine	CUSR0000SEFR01	SEASONALLY ADJUSTED INDEX	2020	208.045	204.704	210.607	208.869	207.735	205.742	208.488	208.393	208.470	207.746	204.184	207.365
SEFR01	Butter and margarine	CUSR0000SEFR01	SEASONALLY ADJUSTED INDEX	2021	206.028	208.987	208.287	208.554	210.636	210.495	210.675	211.586	210.744	212.456	212.335	214.287
SEFR01	Butter and margarine	CUSR0000SEFR01	SEASONAL FACTOR	2017	100.751	100.445	100.445	98.865	98.373	98.144	100.568	100.347	101.629	101.405	98.680	98.713
SEFR01	Butter and margarine	CUSR0000SEFR01	SEASONAL FACTOR	2018	100.656	100.242	99.703	98.968	99.953	99.231	100.802	101.379	101.405	100.884	98.382	97.972
SEFR01	Butter and margarine	CUSR0000SEFR01	SEASONAL FACTOR	2019	100.561	100.344	99.890	99.173	100.278	99.320	100.685	101.358	101.226	100.715	98.184	97.772
SEFR01	Butter and margarine	CUSR0000SEFR01	SEASONAL FACTOR	2020	100.423	100.456	100.079	99.243	100.503	99.408	100.839	101.323	101.053	100.745	98.036	97.765
SEFR01	Butter and margarine	CUSR0000SEFR01	SEASONAL FACTOR	2021	100.370	100.421	100.079	99.243	100.503	99.408	100.839	101.323	101.053	100.745	98.036	97.765
SEFR01	Butter and margarine	CUSR0000SEFR01	UNADJUSTED INDEX	2017	202.252	202.728	203.560	202.037	204.583	202.801	207.760	210.098	209.170	207.382	202.331	202.276
SEFR01	Butter and margarine	CUSR0000SEFR01	UNADJUSTED INDEX	2018	207.332	204.922	203.400	205.787	204.367	203.898	207.264	205.854	208.669	207.033	204.314	202.343
SEFR01	Butter and margarine	CUSR0000SEFR01	UNADJUSTED INDEX	2019	207.510	208.816	210.390	203.329	207.100	206.666	207.109	206.861	208.816	206.614	201.540	199.761
SEFR01	Butter and margarine	CUSR0000SEFR01	UNADJUSTED INDEX	2020	208.924	205.638	210.737	207.287	208.781	205.349	209.209	211.150	210.666	209.295	205.173	203.122
SEFR01	Butter and margarine	CUSR0000SEFR01	UNADJUSTED INDEX	2021	206.789	209.146	208.648	207.120	211.912	209.396	212.350	214.855	212.817	214.025	209.519	208.219
SEFR02	Salad dressing	CUSR0000SEFR02	SEASONALLY ADJUSTED INDEX	2017	128.766	128.787	129.790	127.157	129.519	129.785	131.783	129.708	128.991	128.567	127.624	127.617
SEFR02	Salad dressing	CUSR0000SEFR02	SEASONALLY ADJUSTED INDEX	2018	127.402	128.574	127.737	127.462	127.225	126.700	128.024	129.480	128.863	129.414	129.151	129.050
SEFR02	Salad dressing	CUSR0000SEFR02	SEASONALLY ADJUSTED INDEX	2019	128.846	128.563	128.443	126.352	129.064	130.326	128.142	127.558	128.056	128.668	129.269	129.662
SEFR02	Salad dressing	CUSR0000SEFR02	SEASONALLY ADJUSTED INDEX	2020	130.511	130.060	131.988	132.714	132.502	130.762	132.148	130.341	131.461	130.859	131.751	132.383
SEFR02	Salad dressing	CUSR0000SEFR02	SEASONALLY ADJUSTED INDEX	2021	132.856	132.247	131.415	133.357	134.726	136.086	138.148	141.718	140.849	141.168	142.393	142.635
SEFR02	Salad dressing	CUSR0000SEFR02	SEASONAL FACTOR	2017	99.900	100.825	100.498	100.333	99.777	98.641	99.906	99.478	100.510	100.833	99.076	100.259
SEFR02	Salad dressing	CUSR0000SEFR02	SEASONAL FACTOR	2018	99.964	100.686	100.528	100.403	99.921	98.669	99.951	99.469	100.582	100.615	99.166	100.300
SEFR02	Salad dressing	CUSR0000SEFR02	SEASONAL FACTOR	2019	100.107	100.616	100.406	100.144	100.058	99.373	99.753	99.633	99.633	99.633	99.633	99.633
SEFR02	Salad dressing	CUSR0000SEFR02	SEASONAL FACTOR	2020	100.284	100.467	100.425	100.012	100.092	98.764	99.637	99.496	100.697	100.318	99.431	100.435
SEFR02	Salad dressing	CUSR0000SEFR02	SEASONAL FACTOR	2021	100.413	100.389	100.338	99.936	100.103	98.815	99.577	99.513	100.726	100.213	99.511	100.519
SEFR02	Salad dressing	CUSR0000SEFR02	UNADJUSTED INDEX	2017	128.638	129.849	130.436	127.158	129.230	128.021	131.680	129.931	129.649	129.612	126.445	127.947
SEFR02	Salad dressing	CUSR0000SEFR02	UNADJUSTED INDEX	2018	127.351	128.454	127.412	127.158	127.158	127.158	128.793	129.613	129.613	129.613	129.613	129.613
SEFR02	Salad dressing	CUSR0000SEFR02	UNADJUSTED INDEX	2019	128.976	129.304	129.083	126.534	129.071	128.635	127.825	126.911	128.991	128.991	128.356	129.856
SEFR02	Salad dressing	CUSR0000SEFR02	UNADJUSTED INDEX	2020	130.872	130.667	132.549	132.730	133.625	131.122	133.668	129.690	132.377	131.286	131.000	132.825
SEFR02	Salad dressing	CUSR0000SEFR02	UNADJUSTED INDEX	2021	133.404	132.761	131.859	133.272	134.865	134.474	136.617	141.028	141.871	141.871	141.871	141.871
SEFR03	Other fats and oils including peanut butter	CUSR0000SEFR03	SEASONALLY ADJUSTED INDEX	2017	155.514	156.140	157.444	156.085	155.373	155.123	156.808	156.123	156.808	156.123	156.808	156.123
SEFR03	Other fats and oils including peanut butter	CUSR0000SEFR03	SEASONALLY ADJUSTED INDEX	2018	159.547	160.695	159.310	159.299	159.221	159.128	159.504	159.268	158.689	158.251	157.575	158.163
SEFR03	Other fats and oils including peanut butter	CUSR0000SEFR03	SEASONALLY ADJUSTED INDEX	2019	158.941	157.592	158.226	154.558	157.885	155.967	155.405	155.230	155.535	155.759	155.269	154.293
SEFR03	Other fats and oils including peanut butter	CUSR0000SEFR03	SEASONALLY ADJUSTED INDEX	2020	154.742	155.432	154.966	157.811	158.170	160.164	159.178	159.337	158.566	158.472	159.060	160.147
SEFR03	Other fats and oils including peanut butter	CUSR0000SEFR03	SEASONALLY ADJUSTED INDEX	2021	159.851	160.851	160.851	160.851	160.851	160.851	160.851	160.851	160.851	160.851	160.851	160.851
SEFR03	Other fats and oils including peanut butter	CUSR0000SEFR03	SEASONAL FACTOR	2017	99.725	100.233	99.966	100.796	100.707	100.666	100.485	100.237	100.059	98.964	98.698	98.506
SEFR03	Other fats and oils including peanut butter	CUSR0000SEFR03	SEASONAL FACTOR	2018	99.663	100.218	99.867	100.952	100.690	100.614	100.588	100.126	100.018	100.035	98.891	98.434
SEFR03	Other fats and oils including peanut butter	CUSR0000SEFR03	SEASONAL FACTOR	2019	99.656	100.208	99.739	101.041	100.665	100.516	100.709	100.027	100.039	100.052	98.068	98.304
SEFR03	Other fats and oils including peanut butter	CUSR0000SEFR03	SEASONAL FACTOR	2020	99.721	100.181	99.645	101.059	100.536	100.434	100.763	99.921	100.099	100.065	99.273	98.

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SEFT06	Other miscellaneous foods	CUSR0000SEFT06	UNADJUSTED INDEX	2021	137.879	137.999	138.266	138.192	137.457	138.441	140.354	139.888	141.367	143.577	144.642	146.306
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2020	200.164	199.632	199.855	200.612	199.576	199.179	199.743	199.920	200.633	201.027	201.072	201.709
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2018	224.267	221.734	221.032	222.386	221.921	223.310	224.188	224.028	224.911	225.191	225.591	226.657
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2019	204.724	205.907	204.839	204.219	205.371	205.939	206.431	206.823	205.905	205.712	204.945	205.011
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2020	205.625	206.737	207.768	208.776	209.523	209.992	209.752	209.634	209.670	210.094	210.214	210.736
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2021	210.557	210.461	210.837	211.000	212.019	212.955	213.425	214.251	214.030	213.239	213.493	213.920
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	SEASONAL FACTOR	2018	100.035	100.183	100.280	100.195	100.324	98.834	97.742	98.734	99.973	100.126	100.105	99.710
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	SEASONAL FACTOR	2019	100.000	100.159	100.232	100.221	100.021	99.881	98.786	98.746	99.993	100.182	100.089	99.690
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	SEASONAL FACTOR	2020	99.979	100.142	100.217	100.242	100.016	99.914	98.811	99.754	100.011	100.154	100.089	99.686
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	SEASONAL FACTOR	2021	99.953	100.128	100.202	100.249	100.015	99.945	98.826	98.765	100.021	100.125	100.085	99.677
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	UNADJUSTED INDEX	2020	200.234	199.963	200.265	200.996	199.640	198.947	199.224	199.932	200.567	201.072	201.774	202.122
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	UNADJUSTED INDEX	2018	201.276	202.105	202.136	202.683	201.679	201.276	201.666	201.492	202.859	203.847	204.276	204.067
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	UNADJUSTED INDEX	2019	204.723	206.233	205.315	204.671	205.415	205.693	205.900	206.297	205.950	206.087	205.227	204.736
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	UNADJUSTED INDEX	2020	205.582	207.030	208.219	209.252	209.557	209.612	209.396	209.118	209.093	210.418	211.002	210.074
SEFW01	Alcoholic beverages at home	CUSR0000SEFW01	UNADJUSTED INDEX	2021	210.458	210.730	211.253	211.526	212.051	212.838	213.054	213.750	214.078	213.596	213.475	212.602
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2017	221.877	221.307	221.550	223.044	222.747	221.892	222.125	222.746	224.406	224.129	224.500	224.781
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2018	224.288	224.360	224.606	224.940	224.810	226.018	225.132	225.261	228.229	227.699	228.471	229.043
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2019	229.310	230.326	228.771	228.341	229.065	229.710	230.839	231.004	230.390	231.556	230.156	231.938
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2020	233.639	235.057	236.481	240.031	240.143	238.446	239.083	238.657	238.159	238.412	239.754	238.873
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2021	238.932	239.693	240.945	239.089	241.122	243.627	244.124	244.789	245.402	243.309	242.676	243.676
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	SEASONAL FACTOR	2017	100.213	100.084	100.180	100.201	100.056	99.821	99.662	99.441	99.527	100.130	100.501	100.182
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	SEASONAL FACTOR	2018	100.178	100.073	100.189	100.194	100.052	99.861	99.691	99.475	99.546	100.098	100.481	100.157
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	SEASONAL FACTOR	2019	100.163	100.053	100.175	100.195	100.059	99.912	98.732	99.490	99.552	100.069	100.460	100.125
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	SEASONAL FACTOR	2020	100.139	100.044	100.174	100.196	100.062	99.945	98.767	99.515	99.565	100.038	100.460	100.097
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	SEASONAL FACTOR	2021	100.095	100.046	100.188	100.185	100.050	99.975	98.905	99.550	99.572	100.007	100.456	100.067
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	UNADJUSTED INDEX	2017	222.349	221.492	221.949	223.493	222.871	221.491	221.355	221.502	223.345	224.221	225.626	225.190
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	UNADJUSTED INDEX	2018	224.667	224.667	224.667	224.667	224.667	224.667	224.667	224.667	224.667	224.667	224.667	224.667
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	UNADJUSTED INDEX	2019	229.684	230.449	229.172	228.787	229.200	229.508	230.220	229.826	229.357	231.711	231.225	232.228
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	UNADJUSTED INDEX	2020	233.964	235.160	236.893	240.502	240.292	238.315	238.626	237.500	237.124	238.502	240.856	239.140
SEFW01	Beer, ale, and other malt beverages at home	CUSR0000SEFW01	UNADJUSTED INDEX	2021	238.160	239.803	241.398	239.532	241.243	243.565	243.653	243.687	244.352	243.325	243.783	243.804
SEHA	Rent of primary residence	CUSR0000SEHA	SEASONALLY ADJUSTED INDEX	2017	304.888	304.888	304.888	304.888	304.888	304.888	304.888	304.888	304.888	304.888	304.888	304.888
SEHA	Rent of primary residence	CUSR0000SEHA	SEASONALLY ADJUSTED INDEX	2018	314.530	315.142	315.904	316.955	317.803	318.634	319.661	320.777	321.618	322.483	323.620	324.401
SEHA	Rent of primary residence	CUSR0000SEHA	SEASONALLY ADJUSTED INDEX	2019	325.322	326.231	327.527	328.835	329.610	330.937	331.911	332.782	334.328	334.554	335.478	336.396
SEHA	Rent of primary residence	CUSR0000SEHA	SEASONALLY ADJUSTED INDEX	2020	337.570	338.498	339.510	340.264	341.067	341.558	342.262	342.630	343.002	343.495	343.708	344.078
SEHA	Rent of primary residence	CUSR0000SEHA	SEASONALLY ADJUSTED INDEX	2021	343.507	345.121	346.684	346.379	347.253	348.095	348.789	349.938	351.355	352.762	354.191	355.544
SEHA	Rent of primary residence	CUSR0000SEHA	SEASONAL FACTOR	2017	100.092	100.043	99.993	99.939	99.902	99.901	99.903	99.961	99.974	100.040	100.108	100.128
SEHA	Rent of primary residence	CUSR0000SEHA	SEASONAL FACTOR	2018	100.085	100.037	99.996	99.952	99.916	99.913	99.908	99.957	99.972	100.038	100.102	100.117
SEHA	Rent of primary residence	CUSR0000SEHA	SEASONAL FACTOR	2019	100.076	100.035	100.003	99.962	99.925	99.923	99.909	99.946	99.973	100.035	100.096	100.110
SEHA	Rent of primary residence	CUSR0000SEHA	SEASONAL FACTOR	2020	100.027	100.003	100.009	99.968	99.935	99.932	99.908	99.935	99.971	100.037	100.094	100.109
SEHA	Rent of primary residence	CUSR0000SEHA	UNADJUSTED INDEX	2017	304.767	304.211	304.868	305.477	306.379	307.314	308.173	309.479	310.268	311.501	312.670	313.904
SEHA	Rent of primary residence	CUSR0000SEHA	UNADJUSTED INDEX	2018	314.788	315.277	315.883	316.763	317.490	318.318	319.351	320.651	321.533	322.628	323.968	324.815
SEHA	Rent of primary residence	CUSR0000SEHA	UNADJUSTED INDEX	2019	325.957	326.351	327.513	328.638	329.333	330.548	331.605	332.638	333.834	334.680	335.359	336.789
SEHA	Rent of primary residence	CUSR0000SEHA	UNADJUSTED INDEX	2020	337.822	338.616	339.519	340.135	340.819	341.616	342.444	343.191	344.219	345.191	346.188	347.455
SEHA	Rent of primary residence	CUSR0000SEHA	UNADJUSTED INDEX	2021	344.758	345.242	345.717	346.267	347.016	347.833	348.469	349.710	351.255	352.892	354.526	355.931
SEHB	Lodging away from home	CUSR0000SEHB	SEASONALLY ADJUSTED INDEX	2017	160.225	160.683	157.517	159.503	159.957	158.952	153.378	158.478	159.455	163.832	160.688	160.654
SEHB	Lodging away from home	CUSR0000SEHB	SEASONALLY ADJUSTED INDEX	2018	158.551	158.461	161.628	161.118	166.870	161.375	160.121	161.900	159.823	160.680	158.381	161.788
SEHB	Lodging away from home	CUSR0000SEHB	SEASONALLY ADJUSTED INDEX	2019	167.523	167.523	167.523	167.523	167.523	167.523	167.523	167.523	167.523	167.523	167.523	167.523
SEHB	Lodging away from home	CUSR0000SEHB	SEASONALLY ADJUSTED INDEX	2020	162.699	166.354	165.195	144.768	144.319	144.313	144.982	145.738	145.500	145.422	145.427	145.885
SEHB	Lodging away from home	CUSR0000SEHB	SEASONALLY ADJUSTED INDEX	2021	143.949	141.720	146.364	155.643	155.643	165.893	175.491	170.724	170.899	174.409	177.746	180.557
SEHB	Lodging away from home	CUSR0000SEHB	SEASONAL FACTOR	2017	94.835	98.069	101.390	101.885	104.126	105.422	105.730	103.768	101.466	98.296	93.235	91.420
SEHB	Lodging away from home	CUSR0000SEHB	SEASONAL FACTOR	2018	94.622	97.946	101.232	101.826	104.126	105.422	105.730	103.768	101.466	98.296	93.235	91.420
SEHB	Lodging away from home	CUSR0000SEHB	SEASONAL FACTOR	2019	94.497	97.738	101.082	102.161	104.068	105.905	106.274	104.332	102.038	97.834	93.249	91.655
SEHB	Lodging away from home	CUSR0000SEHB	SEASONAL FACTOR	2020	94.365	97.564	100.877	102.127	103.798	105.826	106.164	104.350	102.120	97.912	93.486	91.821
SEHB	Lodging away from home	CUSR0000SEHB	SEASONAL FACTOR	2021	94.502	97.575	100.756	101.988	103.628	105.939	106.836	104.706	102.191	96.942	93.437	91.645
SEHB	Lodging away from home	CUSR0000SEHB	UNADJUSTED INDEX	2017	151.947	151.947	151.947	151.947	151.947	151.947	151.947	151.947	151.947	151.947	151.947	151.947
SEHB	Lodging away from home	CUSR0000SEHB	UNADJUSTED INDEX	2018	150.024	155.197	163.004	165.050	170.850	170.562	173.378	168.400	162.721	155.927	147.609	147.966
SEHB	Lodging away from home	CUSR0000SEHB	UNADJUSTED INDEX	2019	153.689	161.330	168.321	171.822	176.572	177.637	178.155	171.827	170.792	160.340	135.949	147.590
SEHB	Lodging away from home	CUSR0000SEHB	UNADJUSTED INDEX	2020	153.531	162.574	157.565	147.847	149.800	152.721	154.349	152.224	148.585	138.300	129.554	133.538
SEHB	Lodging away from home	CUSR0000SEHB	UNADJUSTED INDEX	2021	136.034	138.283	147.470	158.373	163.276	175.746	187.487	178.758	174.634	169.076	166.080	168.472
SEHB01	Housing at school, excluding board	CUSR0000SEHB01	SEASONALLY ADJUSTED INDEX	2017	532.179	535.285	537.267	539.267	541.267	543.267	545.267	547.267	549.267	551.267	553.267	555.267
SEHB01	Housing at school, excluding board	CUSR0000SEHB01	SEASONALLY ADJUSTED INDEX	2018	542.641	543.613	545.041	546.255	546.966	547.828	548.403	551.364	552.307	553.7		

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SEH02	Propane, kerosene, and firewood	CUSR0000SEH02	SEASONAL FACTOR	2017	104.004	104.090	102.937	101.152	98.515	97.380	96.033	96.250	97.474	98.790	100.886	101.979
SEH02	Propane, kerosene, and firewood	CUSR0000SEH02	SEASONAL FACTOR	2018	104.254	104.160	103.286	101.071	98.635	97.374	96.134	96.269	97.277	98.582	100.730	101.753
SEH02	Propane, kerosene, and firewood	CUSR0000SEH02	SEASONALLY ADJUSTED INDEX	2017	104.473	104.235	103.439	101.023	98.475	97.033	96.255	97.421	97.111	98.244	100.231	101.567
SEH02	Propane, kerosene, and firewood	CUSR0000SEH02	SEASONAL FACTOR	2020	104.613	104.252	104.003	100.831	98.649	97.369	96.344	96.364	96.931	98.433	100.577	101.401
SEH02	Propane, kerosene, and firewood	CUSR0000SEH02	SEASONAL FACTOR	2021	104.640	104.251	104.161	100.774	98.647	97.369	96.344	96.364	96.931	98.433	100.577	101.401
SEH02	Propane, kerosene, and firewood	CUSR0000SEH02	UNADJUSTED INDEX	2017	323.613	329.927	325.723	322.578	313.737	309.700	307.498	310.619	320.288	324.816	336.196	340.796
SEH02	Propane, kerosene, and firewood	CUSR0000SEH02	UNADJUSTED INDEX	2018	352.630	351.616	349.281	345.437	337.714	333.768	328.828	331.968	332.268	340.390	342.448	347.550
SEH02	Propane, kerosene, and firewood	CUSR0000SEH02	UNADJUSTED INDEX	2019	343.256	343.674	345.425	336.804	330.599	326.618	316.335	314.970	313.998	314.316	325.446	338.492
SEH02	Propane, kerosene, and firewood	CUSR0000SEH02	UNADJUSTED INDEX	2020	336.333	334.515	329.657	314.372	310.065	311.615	309.156	308.197	310.578	317.369	324.389	331.768
SEH02	Propane, kerosene, and firewood	CUSR0000SEH02	UNADJUSTED INDEX	2021	362.200	385.879	381.982	368.431	361.652	366.616	371.761	377.798	396.415	427.579	435.790	443.810
SEHF	Energy services	CUSR0000SEHF	SEASONALLY ADJUSTED INDEX	2017	198.114	200.293	199.950	201.997	203.430	204.171	204.338	204.067	202.857	203.244	203.556	204.239
SEHF	Energy services	CUSR0000SEHF	SEASONALLY ADJUSTED INDEX	2018	202.742	205.107	205.170	204.253	204.646	218.991	212.389	203.908	201.964	201.957	202.958	206.513
SEHF	Energy services	CUSR0000SEHF	SEASONALLY ADJUSTED INDEX	2019	205.027	203.659	204.228	203.730	203.030	202.780	202.986	202.753	202.305	203.412	203.608	203.807
SEHF	Energy services	CUSR0000SEHF	SEASONALLY ADJUSTED INDEX	2020	204.223	203.493	203.186	202.978	202.750	203.379	203.162	202.906	205.440	205.915	207.661	208.771
SEHF	Energy services	CUSR0000SEHF	SEASONALLY ADJUSTED INDEX	2021	208.505	210.008	211.532	213.785	215.414	216.692	218.176	220.730	223.348	228.797	229.272	232.942
SEHF	Energy services	CUSR0000SEHF	SEASONAL FACTOR	2017	99.265	99.265	98.879	98.474	99.494	102.293	102.323	102.150	101.708	99.811	98.364	98.466
SEHF	Energy services	CUSR0000SEHF	SEASONAL FACTOR	2018	99.396	99.397	99.043	98.640	99.571	101.989	102.021	101.819	101.414	99.400	98.615	98.658
SEHF	Energy services	CUSR0000SEHF	SEASONAL FACTOR	2019	99.518	99.524	99.135	98.827	99.542	101.696	101.806	101.552	101.164	99.579	98.909	98.842
SEHF	Energy services	CUSR0000SEHF	SEASONAL FACTOR	2020	99.557	99.616	99.140	98.976	99.508	101.470	101.588	101.345	100.980	99.772	99.162	99.036
SEHF	Energy services	CUSR0000SEHF	SEASONAL FACTOR	2021	99.589	99.661	99.086	99.089	99.499	101.261	101.384	101.152	100.818	99.883	99.390	99.242
SEHF	Energy services	CUSR0000SEHF	UNADJUSTED INDEX	2017	197.767	198.820	197.709	198.915	202.401	208.852	209.084	208.454	207.339	201.661	200.225	201.006
SEHF	Energy services	CUSR0000SEHF	UNADJUSTED INDEX	2018	201.516	203.932	202.625	201.245	203.553	207.631	207.091	207.617	204.819	201.798	200.148	203.800
SEHF	Energy services	CUSR0000SEHF	UNADJUSTED INDEX	2019	204.038	202.690	202.461	201.341	202.101	206.219	206.651	205.900	204.660	202.562	201.387	201.446
SEHF	Energy services	CUSR0000SEHF	UNADJUSTED INDEX	2020	203.318	202.712	201.439	200.889	201.752	206.368	206.368	205.636	207.454	205.445	205.921	206.758
SEHF	Energy services	CUSR0000SEHF	UNADJUSTED INDEX	2021	207.649	209.296	209.623	211.838	214.335	219.425	221.196	223.272	225.160	228.844	227.874	228.199
SEHF01	Electricity	CUSR0000SEHF01	SEASONALLY ADJUSTED INDEX	2017	208.295	200.049	208.767	210.370	211.342	212.198	215.925	212.935	213.083	212.221	212.790	213.172
SEHF01	Electricity	CUSR0000SEHF01	SEASONALLY ADJUSTED INDEX	2018	213.111	213.347	213.018	212.537	213.256	212.703	211.908	212.624	211.236	213.281	213.423	214.966
SEHF01	Electricity	CUSR0000SEHF01	SEASONALLY ADJUSTED INDEX	2019	213.570	214.295	214.389	213.462	213.802	213.210	213.244	213.244	213.701	213.701	214.629	216.191
SEHF01	Electricity	CUSR0000SEHF01	SEASONALLY ADJUSTED INDEX	2020	214.475	213.922	213.700	213.453	212.846	213.764	213.984	213.623	215.108	215.219	216.575	217.774
SEHF01	Electricity	CUSR0000SEHF01	SEASONALLY ADJUSTED INDEX	2021	217.695	218.677	219.222	220.851	221.880	222.381	222.642	225.160	226.620	229.680	230.122	231.221
SEHF01	Electricity	CUSR0000SEHF01	SEASONAL FACTOR	2017	98.528	98.741	98.527	98.242	99.621	103.142	103.166	102.885	102.362	99.513	97.801	97.764
SEHF01	Electricity	CUSR0000SEHF01	SEASONAL FACTOR	2018	98.620	98.437	98.437	98.437	98.437	98.437	98.437	98.437	98.437	98.437	98.437	98.437
SEHF01	Electricity	CUSR0000SEHF01	SEASONAL FACTOR	2019	98.758	99.050	98.828	98.682	99.662	102.375	102.566	102.158	101.732	99.592	98.423	98.217
SEHF01	Electricity	CUSR0000SEHF01	SEASONAL FACTOR	2020	98.855	99.186	98.850	98.870	99.597	102.071	102.303	101.958	101.528	98.713	98.439	
SEHF01	Electricity	CUSR0000SEHF01	SEASONAL FACTOR	2021	98.873	99.232	98.771	98.993	99.580	101.880	102.168	101.745	101.417	99.983	98.898	98.570
SEHF01	Electricity	CUSR0000SEHF01	UNADJUSTED INDEX	2017	205.230	206.416	205.682	206.671	210.341	218.865	219.698	219.078	218.117	214.024	208.111	208.406
SEHF01	Electricity	CUSR0000SEHF01	UNADJUSTED INDEX	2018	210.183	210.107	210.273	209.205	212.644	218.991	217.900	217.967	218.991	219.020	209.987	210.637
SEHF01	Electricity	CUSR0000SEHF01	UNADJUSTED INDEX	2019	210.920	210.939	210.937	210.525	212.326	217.947	218.033	217.811	216.938	218.829	210.365	209.725
SEHF01	Electricity	CUSR0000SEHF01	UNADJUSTED INDEX	2020	212.018	212.180	211.332	211.040	211.988	218.191	218.820	217.680	218.395	215.217	213.787	214.375
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	UNADJUSTED INDEX	2021	215.242	216.998	216.528	216.827	220.948	226.562	227.612	229.088	229.681	229.681	227.588	227.934
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	SEASONALLY ADJUSTED INDEX	2017	168.661	172.057	172.057	172.057	176.599	176.599	176.599	176.599	176.599	176.599	176.599	176.599
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	SEASONALLY ADJUSTED INDEX	2018	169.043	177.569	176.275	176.422	175.031	173.366	173.719	174.825	171.391	169.611	168.990	172.374
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	SEASONALLY ADJUSTED INDEX	2019	176.395	172.934	173.747	172.154	170.317	169.806	168.593	168.809	167.021	169.927	170.569	171.897
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	SEASONALLY ADJUSTED INDEX	2020	170.689	168.466	168.661	168.829	169.696	169.468	168.268	168.034	173.567	173.065	177.193	178.742
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	SEASONALLY ADJUSTED INDEX	2021	172.944	172.944	172.944	172.944	172.944	172.944	172.944	172.944	172.944	172.944	172.944	172.944
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	SEASONAL FACTOR	2017	102.164	101.116	100.123	99.287	99.051	99.343	99.338	99.548	99.376	99.459	100.365	100.858
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	SEASONAL FACTOR	2018	102.139	101.119	100.166	99.331	99.080	99.309	99.252	99.452	99.262	99.504	100.492	100.934
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	SEASONAL FACTOR	2019	102.104	101.166	100.197	99.332	99.125	99.307	99.099	99.404	99.127	99.536	100.622	101.021
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	SEASONAL FACTOR	2020	102.099	101.166	100.197	99.332	99.125	99.307	99.099	99.404	99.127	99.536	100.622	101.021
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	SEASONAL FACTOR	2021	102.113	101.153	101.111	99.412	99.229	99.238	98.877	99.262	99.561	99.506	100.855	101.021
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	UNADJUSTED INDEX	2017	172.319	172.967	170.755	172.597	174.901	175.807	174.301	173.646	172.111	172.733	173.504	175.909
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	UNADJUSTED INDEX	2018	172.658	176.557	176.567	174.318	173.420	172.167	172.062	173.867	170.100	168.770	169.821	179.999
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	UNADJUSTED INDEX	2019	180.104	174.960	174.960	174.960	174.960	174.960	174.960	174.960	174.960	174.960	174.960	174.960
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	UNADJUSTED INDEX	2020	174.272	171.469	168.994	167.751	168.316	168.267	166.536	166.916	171.873	172.255	175.226	180.767
SEHF02	Utility (piped) gas service	CUSR0000SEHF02	UNADJUSTED INDEX	2021	181.709	183.006	185.624	188.129	191.083	194.563	198.207	202.140	207.200	226.658	224.225	234.366
SEHG	Water and sewer and trash collection services	CUSR0000SEHG	SEASONALLY ADJUSTED INDEX	2017	226.235	227.001	227.360	227.883	228.445	228.803	229.186	229.624	230.290	230.838	231.604	232.642
SEHG	Water and sewer and trash collection services	CUSR0000SEHG	SEASONALLY ADJUSTED INDEX	2018	230.861	230.861	230.861	230.861	230.861	230.861	230.861	230.861	230.861	230.861	230.861	230.861
SEHG	Water and sewer and trash collection services	CUSR0000SEHG	SEASONALLY ADJUSTED INDEX	2019	241.377	241.800	242.490	243.319	243.903	244.527	245.047	245.490	245.990	246.879	247.338	247.064
SEHG	Water and sewer and trash collection services	CUSR0000SEHG	SEASONALLY ADJUSTED INDEX	2020	248.628	248.573	250.278	250.578	251.128	251.563	252.469	253.824	254.335	254.847	255.579	256.511
SEHG	Water and sewer and trash collection services	CUSR0000SEHG	SEASONALLY ADJUSTED INDEX	2021	257.514	258.612	259.153	259.546	259.815	260.638	261.759	262.627	263.785	264.293	264.485	265.041
SEHG	Water and sewer and trash collection services	CUSR0000SEHG	SEASONAL FACTOR	2017	100.000	100.122	100.085	100.100	99.979	99.911	99.922	100.047	99.984	99.903	99.985	99.914
SEHG	Water and sewer and trash collection services	CUSR0000SEHG	SEASONAL FACTOR	2018	100.000</											

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SEHL	Other household equipment and furnishings	CUSR0000SEHL	UNADJUSTED INDEX	2018	52,290	52,804	52,932	52,709	52,058	51,094	50,905	50,355	50,139	51,008	51,194	50,601
SEHL	Other household equipment and furnishings	CUSR0000SEHL	UNADJUSTED INDEX	2019	50,850	51,833	51,249	50,530	51,134	51,077	50,419	50,308	50,204	50,775	50,462	49,601
SEHL	Other household equipment and furnishings	CUSR0000SEHL	UNADJUSTED INDEX	2020	50,840	50,771	50,786	50,062	50,395	50,329	50,317	50,787	50,769	50,120	50,421	50,101
SEHL	Other household equipment and furnishings	CUSR0000SEHL	UNADJUSTED INDEX	2021	51,230	51,874	51,773	51,828	51,860	51,467	51,014	50,923	51,327	51,919	52,268	52,572
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	SEASONALLY ADJUSTED INDEX	2017	129,826	129,564	130,076	130,001	129,760	130,406	130,492	130,516	132,335	127,807	128,810	131,050
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	SEASONALLY ADJUSTED INDEX	2018	129,046	129,076	131,959	131,677	132,395	130,252	130,576	131,511	132,319	132,347	130,491	131,009
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	UNADJUSTED INDEX	2019	130,727	130,667	130,749	130,807	131,272	132,471	133,573	133,028	132,338	131,484	131,424	131,335
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	SEASONALLY ADJUSTED INDEX	2020	129,720	127,634	130,431	133,250	132,452	133,001	134,604	133,448	134,718	135,254	134,676	136,789
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	SEASONALLY ADJUSTED INDEX	2021	139,817	139,836	140,311	139,444	139,397	139,375	139,674	141,364	139,591	141,460	143,385	143,906
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	SEASONAL FACTOR	2017	99,668	102,393	101,998	99,698	100,665	100,675	99,118	98,259	99,133	99,417	99,188	98,798
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	SEASONAL FACTOR	2018	99,651	102,397	102,047	99,698	100,656	100,655	99,127	98,311	99,127	99,385	99,165	98,792
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	SEASONAL FACTOR	2019	99,556	102,411	102,125	99,674	100,630	100,647	99,198	98,364	99,157	99,371	99,071	97,754
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	SEASONAL FACTOR	2020	99,484	102,408	102,194	99,665	100,624	100,627	99,280	98,447	99,156	99,374	99,007	97,953
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	SEASONAL FACTOR	2021	99,415	102,375	102,235	99,665	100,638	100,590	99,344	98,512	99,154	99,348	99,981	99,775
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	UNADJUSTED INDEX	2017	129,396	132,664	132,675	129,028	130,523	131,286	129,341	128,244	127,240	127,062	127,864	130,745
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	UNADJUSTED INDEX	2018	128,598	133,091	134,681	131,279	133,263	131,105	129,437	129,290	131,163	131,433	129,401	130,736
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	UNADJUSTED INDEX	2019	130,166	134,126	133,528	130,462	132,066	133,429	132,499	130,853	131,222	131,393	130,382	131,012
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	UNADJUSTED INDEX	2020	129,051	130,707	133,292	132,803	133,279	133,835	133,639	131,375	133,581	134,766	133,338	136,451
SEHL02	Indoor plants and flowers	CUSR0000SEHL02	UNADJUSTED INDEX	2021	139,000	143,157	143,447	138,977	140,287	140,197	138,757	139,260	138,410	140,538	141,925	143,582
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	SEASONALLY ADJUSTED INDEX	2017	90,059	89,771	89,683	89,866	90,233	89,997	89,647	89,334	88,923	89,081	89,214	88,992
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	SEASONALLY ADJUSTED INDEX	2018	89,212	89,609	89,714	90,100	89,433	89,350	89,618	89,438	89,472	89,330	88,975	89,336
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	SEASONALLY ADJUSTED INDEX	2019	90,644	91,427	90,866	90,488	90,276	90,325	90,086	91,427	91,974	91,425	90,164	90,590
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	SEASONALLY ADJUSTED INDEX	2020	91,071	91,231	91,324	92,060	92,254	92,951	93,026	93,237	93,442	93,937	93,180	93,776
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	SEASONALLY ADJUSTED INDEX	2021	92,627	93,037	93,452	93,696	94,870	95,168	95,322	95,831	96,354	96,853	99,559	100,380
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	SEASONAL FACTOR	2017	99,895	100,258	100,501	100,316	100,212	100,161	100,042	99,682	99,599	99,890	99,984	99,587
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	SEASONAL FACTOR	2018	99,912	100,200	100,470	100,237	100,165	100,138	100,011	99,703	99,634	99,955	100,134	99,648
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	SEASONAL FACTOR	2019	99,881	100,152	100,403	100,132	100,106	100,110	99,947	99,698	99,688	100,065	100,288	99,812
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	SEASONALLY ADJUSTED INDEX	2020	99,847	100,376	100,367	100,150	100,154	100,154	99,965	99,698	99,688	100,065	100,288	99,812
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	SEASONAL FACTOR	2021	99,800	100,010	100,197	99,899	100,054	100,091	99,792	99,632	99,761	100,320	100,498	100,104
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	UNADJUSTED INDEX	2017	89,965	90,003	90,132	90,150	90,424	90,142	89,685	89,050	88,566	88,965	89,200	88,625
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	UNADJUSTED INDEX	2018	89,134	89,789	90,136	90,313	89,580	89,473	89,624	89,172	89,145	89,290	89,094	88,619
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	UNADJUSTED INDEX	2019	90,533	91,698	91,507	90,267	90,268	90,338	91,195	91,687	91,758	91,402	90,921	90,423
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	UNADJUSTED INDEX	2020	90,925	91,300	91,602	92,062	92,333	93,034	92,889	92,926	93,188	93,251	93,573	93,749
SEHM	Tools, hardware, outdoor equipment and supplies	CUSR0000SEHM	UNADJUSTED INDEX	2021	92,441	93,046	93,636	93,601	94,921	95,255	95,124	95,478	96,124	98,919	100,055	100,522
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	SEASONALLY ADJUSTED INDEX	2017	86,396	86,093	86,062	86,010	86,352	86,122	85,715	85,171	84,842	84,909	85,178	84,839
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	SEASONALLY ADJUSTED INDEX	2018	85,007	85,119	85,431	85,779	85,310	84,968	85,715	85,280	85,300	85,208	85,004	85,237
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	SEASONALLY ADJUSTED INDEX	2019	87,084	87,066	86,800	86,917	86,104	86,507	86,929	87,060	87,060	86,942	86,812	87,004
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	SEASONALLY ADJUSTED INDEX	2020	87,450	87,543	87,672	88,355	88,795	89,634	89,566	89,551	89,693	88,969	88,652	90,265
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	SEASONALLY ADJUSTED INDEX	2021	88,566	88,921	89,068	89,396	91,001	91,019	91,292	90,921	91,769	95,892	96,193	97,103
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	SEASONAL FACTOR	2017	99,938	100,318	100,597	100,534	100,310	100,143	99,971	99,586	99,218	99,748	99,980	99,759
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	SEASONAL FACTOR	2018	99,987	100,362	100,647	100,426	100,222	100,143	99,908	99,623	99,178	99,758	100,242	99,807
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	SEASONAL FACTOR	2019	100,012	100,249	100,408	100,257	100,174	100,141	99,828	99,133	99,150	99,835	100,551	100,141
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	SEASONAL FACTOR	2020	100,012	100,180	100,234	100,041	100,150	100,154	99,720	99,563	99,115	99,958	100,844	100,398
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	SEASONAL FACTOR	2021	100,016	100,090	100,043	99,847	100,101	100,184	99,665	99,490	99,091	100,045	101,055	100,626
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	UNADJUSTED INDEX	2017	86,347	86,256	86,307	86,176	86,515	86,345	85,650	85,189	84,178	84,901	85,701	84,635
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	UNADJUSTED INDEX	2018	84,995	85,380	85,898	86,144	85,508	85,089	85,278	84,959	84,599	85,011	85,210	85,158
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	UNADJUSTED INDEX	2019	86,094	87,273	87,154	86,539	85,853	85,628	86,780	87,022	87,499	87,807	88,838	87,217
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	UNADJUSTED INDEX	2020	87,461	87,701	87,878	88,391	88,528	89,772	89,315	89,160	88,899	88,932	90,408	90,624
SEHM02	Outdoor equipment and supplies	CUSR0000SEHM02	UNADJUSTED INDEX	2021	89,589	90,267	90,507	90,259	91,120	91,687	91,387	91,036	91,523	92,042	92,482	92,700
SEMC	Professional services	CUSR0000SEMC	SEASONALLY ADJUSTED INDEX	2017	376,982	376,874	376,602	378,244	377,142	373,055	374,374	374,715	375,170	375,736	375,321	376,712
SEMC	Professional services	CUSR0000SEMC	SEASONALLY ADJUSTED INDEX	2018	376,066	377,140	378,778	379,150	378,432	377,781	377,803	378,086	378,595	379,096	379,456	378,537
SEMC	Professional services	CUSR0000SEMC	SEASONALLY ADJUSTED INDEX	2019	380,440	380,760	380,215	380,941	380,942	382,262	382,450	383,133	384,081	384,806	385,457	385,738
SEMC	Professional services	CUSR0000SEMC	SEASONALLY ADJUSTED INDEX	2020	385,156	386,482	386,307	386,536	386,536	387,924	388,321	390,459	390,685	390,452	390,452	388,138
SEMC	Professional services	CUSR0000SEMC	SEASONALLY ADJUSTED INDEX	2021	395,422	400,209	400,739	400,382	400,423	400,737	402,010	403,854	403,357	404,005	405,264	405,934
SEMC	Professional services	CUSR0000SEMC	SEASONAL FACTOR	2017	99,895	100,110	100,060	100,103	100,189	100,119	100,131	100,008	99,982	99,862	99,786	99,739
SEMC	Professional services	CUSR0000SEMC	SEASONAL FACTOR	2018	99,891	100,118	100,073	100,107	100,188	100,117	100,139	100,010	99,979	99,855	99,779	99,732
SEMC	Professional services	CUSR0000SEMC	SEASONAL FACTOR	2019	99,883	100,136	100,085	100,114	100,185	100,116	100,132	100,009	99,989	99,872	99,798	99,746
SEMC	Professional services	CUSR0000SEMC	SEASONAL FACTOR	2020	99,877	100,134	100,099	100,112	100,186	100,115	100,102	100,006	99,980	99,852	99,749	99,716
SEMC	Professional services	CUSR0000SEMC	SEASONAL FACTOR	2021	99,871	100,138	100,117	100,113	100,181	100,122	100,168	100,001	99,979	99,845	99,742	99,712
SEMC	Professional services	CUSR0000SEMC	UNADJUSTED INDEX	2017	376,586	377,290	376,827	374,672	374,849	373,498	373,621	374,744	375,372	376,218	374,519	374,733
SEMC	Professional services	CUSR0000SEMC	UNADJUSTED INDEX	2018	375,656	377,585	379,056	379,555	379,145	379,219	378,837	377,845	378,371	378,340	378,280	378,440
SEMC	Professional services	CUSR0000SEMC	UNADJUSTED INDEX	2019	384,991	385,248	385,350	386,966	381,651	382,609	383,162	384,005	384,244	384,543	384,842	385,000
SEMC	Professional services	CUSR0000SEMC	UNADJUSTED INDEX	2020	384,681	385,779	386,691	387,309	388,792	390,982	392,585	391,945	392,373	39		

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SERA01	Televisions	CUSR0000SERA01	SEASONALLY ADJUSTED INDEX	2019	1.792	1.743	1.672	1.653	1.625	1.591	1.558	1.531	1.512	1.494	1.462	1.440	
SERA01	Televisions	CUSR0000SERA01	SEASONALLY ADJUSTED INDEX	2020	1.421	1.401	1.396	1.386	1.373	1.352	1.342	1.336	1.336	1.337	1.354	1.371	
SERA01	Televisions	CUSR0000SERA01	SEASONALLY ADJUSTED INDEX	2021	1.382	1.397	1.424	1.429	1.433	1.474	1.510	1.502	1.502	1.503	1.460	1.435	
SERA01	Televisions	CUSR0000SERA01	SEASONAL FACTOR	2017	98.876	100.085	99.966	99.681	100.623	101.533	101.112	101.103	100.620	100.285	98.898	97.749	
SERA01	Televisions	CUSR0000SERA01	SEASONAL FACTOR	2018	98.886	99.906	99.696	99.332	100.300	101.260	101.338	101.463	101.000	100.547	99.002	97.778	
SERA01	Televisions	CUSR0000SERA01	SEASONAL FACTOR	2019	98.873	99.720	99.432	99.027	100.114	100.813	101.423	101.752	101.507	100.804	99.141	97.663	
SERA01	Televisions	CUSR0000SERA01	SEASONAL FACTOR	2020	98.746	99.395	99.153	98.990	99.977	100.835	101.455	102.082	101.886	100.281	97.497	97.492	
SERA01	Televisions	CUSR0000SERA01	SEASONAL FACTOR	2021	98.563	99.200	98.924	98.986	100.011	101.094	101.532	102.331	102.158	101.014	99.218	97.666	
SERA01	Televisions	CUSR0000SERA01	UNADJUSTED INDEX	2017	2.383	2.416	2.405	2.390	2.408	2.472	2.420	2.380	2.340	2.280	2.222	2.172	
SERA01	Televisions	CUSR0000SERA01	UNADJUSTED INDEX	2018	2.129	2.088	2.061	2.017	1.999	2.000	1.979	1.952	1.904	1.874	1.818	1.768	
SERA01	Televisions	CUSR0000SERA01	UNADJUSTED INDEX	2019	1.772	1.738	1.663	1.637	1.627	1.607	1.580	1.558	1.535	1.506	1.449	1.406	
SERA01	Televisions	CUSR0000SERA01	UNADJUSTED INDEX	2020	1.402	1.393	1.394	1.372	1.374	1.364	1.362	1.364	1.361	1.343	1.337	1.337	
SERA01	Televisions	CUSR0000SERA01	UNADJUSTED INDEX	2021	1.362	1.386	1.374	1.407	1.436	1.467	1.497	1.545	1.534	1.490	1.449	1.396	
SERA02	Cable and satellite television service	CUSR0000SERA02	SEASONALLY ADJUSTED INDEX	2017	450.070	452.905	455.576	458.198	461.050	462.685	464.989	466.855	468.214	468.171	468.684	467.678	
SERA02	Cable and satellite television service	CUSR0000SERA02	SEASONALLY ADJUSTED INDEX	2018	467.963	468.233	468.319	467.898	468.354	469.137	469.056	471.067	473.469	472.629	473.301	474.864	
SERA02	Cable and satellite television service	CUSR0000SERA02	SEASONALLY ADJUSTED INDEX	2019	477.184	475.995	476.281	476.247	476.075	475.862	476.962	478.853	480.303	483.155	485.372	490.046	
SERA02	Cable and satellite television service	CUSR0000SERA02	SEASONALLY ADJUSTED INDEX	2020	493.780	492.145	493.196	495.704	497.752	496.540	500.936	503.181	503.662	505.749	507.216	510.485	
SERA02	Cable and satellite television service	CUSR0000SERA02	SEASONALLY ADJUSTED INDEX	2021	510.261	511.932	514.305	516.267	517.477	521.588	523.896	524.634	526.670	526.777	526.624	525.281	
SERA02	Cable and satellite television service	CUSR0000SERA02	SEASONAL FACTOR	2017	99.480	100.364	100.902	100.636	100.402	100.214	100.083	99.810	99.753	99.444	99.670	99.495	
SERA02	Cable and satellite television service	CUSR0000SERA02	SEASONAL FACTOR	2018	99.528	100.430	100.831	100.464	100.225	100.014	99.973	99.892	99.900	99.589	99.779	99.676	
SERA02	Cable and satellite television service	CUSR0000SERA02	SEASONAL FACTOR	2019	99.555	100.413	100.677	100.300	100.059	99.875	99.958	99.991	100.008	99.980	99.890	99.791	
SERA02	Cable and satellite television service	CUSR0000SERA02	SEASONAL FACTOR	2020	99.535	100.291	100.497	100.169	99.947	99.862	100.010	100.104	100.102	99.954	99.961	99.816	
SERA02	Cable and satellite television service	CUSR0000SERA02	SEASONAL FACTOR	2021	99.471	100.149	100.375	100.086	99.895	99.894	100.008	100.107	100.186	100.043	100.005	99.757	
SERA02	Cable and satellite television service	CUSR0000SERA02	UNADJUSTED INDEX	2017	447.730	454.553	459.685	461.112	462.903	463.673	465.374	465.966	467.056	465.570	467.136	465.176	
SERA02	Cable and satellite television service	CUSR0000SERA02	UNADJUSTED INDEX	2018	465.752	470.245	472.211	470.069	469.407	469.203	468.929	470.559	472.956	470.687	472.254	473.126	
SERA02	Cable and satellite television service	CUSR0000SERA02	UNADJUSTED INDEX	2019	475.061	477.965	479.506	477.678	476.355	475.287	475.860	478.811	480.344	482.189	484.836	489.021	
SERA02	Cable and satellite television service	CUSR0000SERA02	UNADJUSTED INDEX	2020	491.484	493.577	495.647	496.543	497.488	495.854	500.988	503.704	504.738	505.518	507.017	509.545	
SERA02	Cable and satellite television service	CUSR0000SERA02	UNADJUSTED INDEX	2021	507.562	510.965	512.944	514.291	515.628	517.325	519.441	520.510	521.652	522.863	524.006	526.384	
SERA03	Other video equipment	CUSR0000SERA03	SEASONALLY ADJUSTED INDEX	2017	10.122	10.119	10.045	9.861	9.938	9.965	10.008	9.829	9.738	9.855	9.894	9.755	9.651
SERA03	Other video equipment	CUSR0000SERA03	SEASONALLY ADJUSTED INDEX	2018	9.696	9.659	9.652	9.754	9.754	9.754	9.613	9.610	9.581	9.540	9.543	9.651	
SERA03	Other video equipment	CUSR0000SERA03	SEASONALLY ADJUSTED INDEX	2019	9.749	9.783	9.817	9.686	9.565	9.549	9.753	9.525	9.488	9.505	9.558	9.707	
SERA03	Other video equipment	CUSR0000SERA03	SEASONALLY ADJUSTED INDEX	2020	9.914	9.935	9.906	9.895	9.929	9.933	9.924	9.798	9.824	9.832	9.857	9.879	
SERA03	Other video equipment	CUSR0000SERA03	SEASONALLY ADJUSTED INDEX	2021	10.016	9.857	9.824	9.877	9.869	9.859	9.741	9.867	9.928	9.759	9.834	9.740	
SERA03	Other video equipment	CUSR0000SERA03	SEASONAL FACTOR	2017	98.147	99.628	100.276	101.130	101.515	100.359	99.857	99.997	100.422	101.528	99.531	97.802	
SERA03	Other video equipment	CUSR0000SERA03	SEASONAL FACTOR	2018	98.450	99.993	100.635	101.226	101.066	100.127	99.602	99.923	100.226	101.100	99.518	97.265	
SERA03	Other video equipment	CUSR0000SERA03	SEASONAL FACTOR	2019	98.722	100.239	100.625	101.356	101.716	99.863	99.281	99.861	100.249	100.819	99.469	97.384	
SERA03	Other video equipment	CUSR0000SERA03	SEASONAL FACTOR	2020	130.758	130.299	130.637	131.242	131.403	131.403	132.857	133.234	133.434	133.735	134.453	143.482	
SERA03	Other video equipment	CUSR0000SERA03	SEASONAL FACTOR	2021	99.208	100.523	100.602	101.394	101.650	99.450	98.886	100.153	100.577	100.518	99.513	97.542	
SERA03	Other video equipment	CUSR0000SERA03	UNADJUSTED INDEX	2017	9.934	10.081	10.073	9.972	10.089	10.001	10.048	9.829	9.779	10.036	9.848	9.470	
SERA03	Other video equipment	CUSR0000SERA03	UNADJUSTED INDEX	2018	9.546	9.658	9.704	9.885	9.911	9.748	9.575	9.603	9.603	9.651	9.497	9.387	
SERA03	Other video equipment	CUSR0000SERA03	UNADJUSTED INDEX	2019	9.580	9.690	9.878	9.817	9.729	9.538	9.683	9.683	9.683	9.683	9.683	9.683	
SERA03	Other video equipment	CUSR0000SERA03	UNADJUSTED INDEX	2020	9.482	9.637	9.566	9.741	9.839	9.599	9.531	9.803	9.866	9.941	9.596	9.623	
SERA03	Other video equipment	CUSR0000SERA03	UNADJUSTED INDEX	2021	9.937	9.909	9.883	10.015	10.032	9.805	9.632	9.882	9.985	9.810	9.786	9.501	
SERAC	Video and audio products	CUSR0000SERAC	SEASONALLY ADJUSTED INDEX	2017	50.533	50.678	50.756	50.756	50.756	50.756	50.756	50.756	50.756	50.756	50.756	50.756	
SERAC	Video and audio products	CUSR0000SERAC	SEASONALLY ADJUSTED INDEX	2018	47.824	47.824	47.824	47.824	47.824	47.824	47.824	47.824	47.824	47.824	47.824	47.824	
SERAC	Video and audio products	CUSR0000SERAC	SEASONALLY ADJUSTED INDEX	2019	41.584	40.987	40.311	40.377	39.930	39.543	39.139	38.705	38.249	37.598	37.788	37.367	
SERAC	Video and audio products	CUSR0000SERAC	SEASONALLY ADJUSTED INDEX	2020	37.089	36.999	37.153	36.896	36.659	36.467	36.532	36.807	36.960	37.058	36.870	37.056	
SERAC	Video and audio products	CUSR0000SERAC	SEASONALLY ADJUSTED INDEX	2021	36.790	36.670	36.680	37.144	37.311	37.268	37.398	37.720	37.528	37.419	37.366	37.058	
SERAC	Video and audio products	CUSR0000SERAC	SEASONAL FACTOR	2017	99.251	99.905	100.012	99.865	100.464	100.133	100.234	100.234	100.234	100.234	100.234	100.234	
SERAC	Video and audio products	CUSR0000SERAC	SEASONAL FACTOR	2018	99.297	99.958	99.931	99.820	100.318	100.586	100.582	100.652	100.473	100.382	99.506	98.684	
SERAC	Video and audio products	CUSR0000SERAC	SEASONAL FACTOR	2019	99.348	99.898	99.856	99.765	100.250	100.395	100.448	100.705	100.654	100.435	99.569	98.726	
SERAC	Video and audio products	CUSR0000SERAC	SEASONAL FACTOR	2020	99.399	99.876	99.804	99.873	100.276	100.240	100.345	100.723	100.682	100.439	99.658	98.751	
SERAC	Video and audio products	CUSR0000SERAC	SEASONAL FACTOR	2021	99.375	99.798	99.711	99.711	100.115	100.115	100.115	100.115	100.115	100.115	100.115	100.115	
SERAC	Video and audio products	CUSR0000SERAC	UNADJUSTED INDEX	2017	50.156	50.675	50.762	50.758	50.472	50.834	50.234	49.554	49.175	48.650	47.235	45.897	
SERAC	Video and audio products	CUSR0000SERAC	UNADJUSTED INDEX	2018	45.506	44.922	44.694	44.315	44.128	43.937	43.705	43.207	42.526	42.273	41.514	40.871	
SERAC	Video and audio products	CUSR0000SERAC	UNADJUSTED INDEX	2019	41.313	40.945	40.253	40.282	40.030	39.699	39.326	38.978	38.499	37.962	37.625	36.891	
SERAC	Video and audio products	CUSR0000SERAC	UNADJUSTED INDEX	2020	36.869	36.596	36.574	37.094	37.206	37.357	37.544	37.857	37.856	37.393	37.240	36.557	
SERAS	Video and audio services	CUSR0000SERAS	SEASONALLY ADJUSTED INDEX	2017	120.132	120.898	121.421	122.173	122.861	123.113	123.567	124.172	124.534	124.581	124.425	124.351	
SERAS	Video and audio services	CUSR0000SERAS	SEASONALLY ADJUSTED INDEX	2018	124.684	124.752	124.752	124.644	124.821	124.926	124.879	125.214	125.393	125.932	126.085	126.215	
SERAS	Video and audio services	CUSR0000SERAS	SEASONALLY ADJUSTED INDEX	2019	127.108	126.960	127.104	127.034	126.922	126.982	126.713	127.145	127.878	128.481	128.413	130.047	
SERAS	Video and audio services	CUSR0000SERAS	SEASONALLY ADJUSTED INDEX	2020	130.758	130.299	130.637	131.242	131.403	131.403	132.857	133.234	133.434	133.735	134.453	143.482	
SERAS	Video and audio services	CUSR0000SERAS	SEASONALLY ADJUSTED INDEX	2021	134.415	135.067	135.556	135.812	136.150	137.194	137.713	138.157	138.582	138.623	138.439	138.047	
SERAS	Video and audio services	CUSR0000SERAS	SEASONAL FACTOR	2017	99.512	100.341	100.847	100.597	100.378	100.201	100.078	99.820	99.767	99.477	99.689	99.493	
SERAS	Video and audio services	CUSR0000SERAS	SEASONAL FACTOR	2018	99.553	100.406	100.785	100.438	100.212	100.014	99.974	99.898	99.898	99.612	99.791	99.696	
SERAS	Video and audio services	CUSR0000SERAS	SEASONAL FACTOR	2019	99.580	10											

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SERE	Other recreational goods	CUSR0000SERE	SEASONAL FACTOR	2020	100.761	101.117	100.707	100.448	100.301	99.864	99.073	99.410	99.747	99.812	99.452	99.476
SERE	Other recreational goods	CUSR0000SERE	SEASONAL FACTOR	2021	100.773	101.058	100.693	100.443	100.303	99.815	99.061	99.390	99.740	99.803	99.517	99.412
SERF	Other recreation services	CUSR0000SERF	SEASONALLY ADJUSTED INDEX	2017	102.004	102.450	101.987	101.470	101.470	101.470	101.470	101.470	101.470	101.470	101.470	101.470
SERF	Other recreation services	CUSR0000SERF	SEASONALLY ADJUSTED INDEX	2018	38.950	39.244	38.955	38.439	37.742	34.401	37.240	36.798	36.504	36.213	35.839	36.014
SERE	Other recreational goods	CUSR0000SERE	UNADJUSTED INDEX	2019	36.472	36.503	36.114	35.539	35.432	35.311	34.825	34.151	34.761	34.655	34.350	33.952
SERE	Other recreational goods	CUSR0000SERE	UNADJUSTED INDEX	2020	34.405	34.315	33.918	33.600	33.357	32.984	32.900	33.195	33.556	33.490	33.203	32.785
SERE	Other recreational goods	CUSR0000SERE	UNADJUSTED INDEX	2021	33.130	33.340	33.572	33.000	33.040	33.000	33.034	33.060	33.359	33.330	33.562	33.626
SERE01	Tovs	CUSR0000SERE01	SEASONALLY ADJUSTED INDEX	2017	38.903	38.728	38.416	38.057	37.812	37.502	36.987	36.595	36.475	36.400	36.039	35.791
SERE01	Tovs	CUSR0000SERE01	SEASONALLY ADJUSTED INDEX	2018	34.946	35.171	35.115	34.649	34.010	33.720	33.848	33.219	32.806	32.492	32.257	32.363
SERE01	Tovs	CUSR0000SERE01	SEASONALLY ADJUSTED INDEX	2019	32.272	32.060	31.709	31.277	31.171	31.191	30.922	30.959	30.820	30.546	29.888	29.993
SERE01	Tovs	CUSR0000SERE01	SEASONALLY ADJUSTED INDEX	2020	29.901	29.500	29.395	29.115	28.948	28.820	28.945	28.739	29.051	29.074	28.924	28.838
SERE01	Tovs	CUSR0000SERE01	SEASONALLY ADJUSTED INDEX	2021	28.685	28.705	28.936	29.019	29.398	29.025	29.026	29.243	28.949	29.201	29.201	29.344
SERE01	Tovs	CUSR0000SERE01	SEASONAL FACTOR	2017	100.698	101.321	100.783	100.681	100.468	100.164	99.848	99.498	99.643	99.655	99.043	98.784
SERE01	Tovs	CUSR0000SERE01	SEASONAL FACTOR	2018	100.850	101.441	100.845	100.640	100.444	100.029	98.994	99.352	99.671	99.716	99.123	98.912
SERE01	Tovs	CUSR0000SERE01	SEASONAL FACTOR	2019	100.949	101.473	100.905	100.616	100.402	99.895	98.874	99.270	99.676	99.742	99.185	99.104
SERE01	Tovs	CUSR0000SERE01	SEASONAL FACTOR	2020	100.987	101.455	101.014	100.581	100.390	99.823	98.791	99.226	99.667	99.740	99.284	99.236
SERE01	Tovs	CUSR0000SERE01	SEASONAL FACTOR	2021	101.001	101.376	100.906	100.579	100.394	99.763	98.777	99.203	99.657	99.742	99.365	99.319
SERE01	Tovs	CUSR0000SERE01	UNADJUSTED INDEX	2017	39.175	39.240	38.717	38.316	37.989	37.564	36.689	36.401	36.345	36.344	35.694	35.158
SERE01	Tovs	CUSR0000SERE01	UNADJUSTED INDEX	2018	35.243	35.678	35.412	34.871	34.161	33.730	33.507	33.004	32.698	32.400	31.974	32.011
SERE01	Tovs	CUSR0000SERE01	UNADJUSTED INDEX	2019	32.578	32.532	31.996	31.470	31.296	31.158	30.574	30.733	30.720	30.467	30.012	29.724
SERE01	Tovs	CUSR0000SERE01	UNADJUSTED INDEX	2020	30.196	29.990	29.664	29.284	29.061	28.769	28.848	28.516	28.594	29.002	28.717	28.618
SERE01	Tovs	CUSR0000SERE01	UNADJUSTED INDEX	2021	28.969	29.161	29.188	29.789	29.514	28.956	28.849	29.010	28.850	28.679	29.064	29.144
SERF	Other recreation services	CUSR0000SERF	SEASONALLY ADJUSTED INDEX	2017	161.604	163.460	163.520	163.456	163.235	163.403	164.813	165.221	164.789	164.659	164.752	165.712
SERF	Other recreation services	CUSR0000SERF	SEASONALLY ADJUSTED INDEX	2018	166.233	166.809	166.635	165.947	166.686	168.395	170.230	168.107	168.779	168.504	169.763	170.380
SERF	Other recreation services	CUSR0000SERF	SEASONALLY ADJUSTED INDEX	2019	170.859	170.562	171.979	173.024	171.088	170.840	171.309	171.870	170.683	172.276	173.494	173.887
SERF	Other recreation services	CUSR0000SERF	SEASONALLY ADJUSTED INDEX	2020	174.516	174.117	175.805	175.805	179.631	176.613	172.617	172.058	172.805	174.274	176.019	173.883
SERF	Other recreation services	CUSR0000SERF	SEASONALLY ADJUSTED INDEX	2021	170.235	171.279	173.456	175.527	175.337	175.696	177.167	177.538	178.200	181.010	179.303	179.075
SERF	Other recreation services	CUSR0000SERF	SEASONAL FACTOR	2017	100.106	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SERF	Other recreation services	CUSR0000SERF	SEASONAL FACTOR	2018	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SERF	Other recreation services	CUSR0000SERF	SEASONAL FACTOR	2019	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SERF	Other recreation services	CUSR0000SERF	SEASONAL FACTOR	2020	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SERF	Other recreation services	CUSR0000SERF	SEASONAL FACTOR	2021	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SERF	Other recreation services	CUSR0000SERF	UNADJUSTED INDEX	2017	161.604	163.460	163.520	163.456	163.235	163.403	164.813	165.221	164.789	164.659	164.752	165.712
SERF	Other recreation services	CUSR0000SERF	UNADJUSTED INDEX	2018	166.233	166.809	166.635	165.947	166.686	168.395	170.230	168.107	168.779	168.504	169.763	170.380
SERF	Other recreation services	CUSR0000SERF	UNADJUSTED INDEX	2019	170.859	170.562	171.979	173.024	171.088	170.840	171.309	171.870	170.683	172.276	173.494	173.887
SERF	Other recreation services	CUSR0000SERF	UNADJUSTED INDEX	2020	174.516	174.117	175.805	175.805	179.631	176.613	172.617	172.058	172.805	174.274	176.019	173.883
SERF	Other recreation services	CUSR0000SERF	UNADJUSTED INDEX	2021	170.235	171.279	173.456	175.527	175.337	175.696	177.167	177.538	178.200	181.010	179.303	179.075
SETA	New and used motor vehicles	CUSR0000SETA	SEASONALLY ADJUSTED INDEX	2017	99.269	99.464	99.384	99.352	99.296	98.885	98.361	98.237	97.634	98.164	98.500	98.876
SETA	New and used motor vehicles	CUSR0000SETA	SEASONALLY ADJUSTED INDEX	2018	98.937	98.901	98.838	98.563	98.828	99.003	99.299	99.490	99.103	99.217	99.620	99.722
SETA	New and used motor vehicles	CUSR0000SETA	SEASONALLY ADJUSTED INDEX	2019	98.856	98.394	98.273	98.432	98.260	99.430	98.586	99.008	98.608	98.468	98.126	98.051
SETA	New and used motor vehicles	CUSR0000SETA	SEASONALLY ADJUSTED INDEX	2020	98.793	98.989	98.846	98.540	98.582	98.546	98.514	103.502	104.172	104.140	103.896	103.861
SETA	New and used motor vehicles	CUSR0000SETA	SEASONALLY ADJUSTED INDEX	2021	102.850	102.724	103.215	107.864	112.325	118.368	118.831	118.678	119.065	121.127	125.635	126.710
SETA	New and used motor vehicles	CUSR0000SETA	SEASONAL FACTOR	2017	99.880	100.018	100.199	100.553	100.559	100.614	100.772	100.545	100.202	99.299	99.039	99.445
SETA	New and used motor vehicles	CUSR0000SETA	SEASONAL FACTOR	2018	99.704	100.110	100.722	100.562	100.100	100.448	100.770	100.498	99.150	99.292	99.277	99.423
SETA	New and used motor vehicles	CUSR0000SETA	SEASONAL FACTOR	2019	99.693	100.000	100.697	100.555	100.157	100.368	100.501	99.140	99.292	99.277	99.423	99.439
SETA	New and used motor vehicles	CUSR0000SETA	SEASONAL FACTOR	2020	99.689	100.039	100.689	100.556	100.137	100.423	100.820	100.548	99.104	99.211	99.330	99.428
SETA	New and used motor vehicles	CUSR0000SETA	SEASONAL FACTOR	2021	99.652	99.981	100.672	100.508	100.071	100.484	101.033	100.672	99.961	99.189	99.310	99.378
SETA	New and used motor vehicles	CUSR0000SETA	UNADJUSTED INDEX	2017	99.150	99.482	99.582	99.901	99.851	99.942	99.120	98.772	97.831	97.497	97.553	98.327
SETA	New and used motor vehicles	CUSR0000SETA	UNADJUSTED INDEX	2018	99.541	99.542	99.017	98.562	98.562	98.562	98.562	98.562	98.562	98.562	98.562	98.562
SETA	New and used motor vehicles	CUSR0000SETA	UNADJUSTED INDEX	2019	99.548	99.491	99.975	99.984	99.984	99.874	100.371	98.702	98.751	98.684	98.441	98.495
SETA	New and used motor vehicles	CUSR0000SETA	UNADJUSTED INDEX	2020	98.491	99.028	99.527	98.987	98.717	98.565	100.611	102.070	102.575	103.350	103.442	103.242
SETA01	New vehicles	CUSR0000SETA01	SEASONALLY ADJUSTED INDEX	2017	102.492	102.704	103.909	108.477	112.405	118.941	120.058	119.475	117.947	120.192	122.436	124.863
SETA01	New vehicles	CUSR0000SETA01	SEASONALLY ADJUSTED INDEX	2018	146.165	146.293	146.363	147.427	147.222	147.088	147.803	147.614	147.561	147.956	148.063	148.190
SETA01	New vehicles	CUSR0000SETA01	SEASONALLY ADJUSTED INDEX	2019	146.344	146.152	146.310	145.851	146.164	146.394	146.475	146.491	146.404	146.147	146.258	146.386
SETA01	New vehicles	CUSR0000SETA01	SEASONALLY ADJUSTED INDEX	2020	146.428	146.586	147.381	147.628	147.477	147.249	146.845	146.796	146.535	146.271	146.139	146.457
SETA01	New vehicles	CUSR0000SETA01	SEASONALLY ADJUSTED INDEX	2021	146.611	147.198	146.772	146.875	147.093	146.954	147.680	147.696	148.016	148.452	148.445	148.293
SETA01	New vehicles	CUSR0000SETA01	SEASONAL FACTOR	2017	100.461	100.478	100.331	100.209	100.167	101.112	99.994	99.737	99.513	99.584	99.686	99.817
SETA01	New vehicles	CUSR0000SETA01	SEASONAL FACTOR	2018	100.445	100.448	100.285	100.150	100.127	100.115	100.035	99.766	99.530	99.617	99.705	99.822
SETA01	New vehicles	CUSR0000SETA01	SEASONAL FACTOR	2019	100.431	100.437	100.276	100.143	100.124	100.114	100.039	99.769	99.535	99.627	99.719	99.838
SETA01	New vehicles	CUSR0000SETA01	SEASONAL FACTOR	2020	100.438	100.411	100.240	100.090	100.088	100.105	100.076	99.808	98.557	99.698	99.743	99.865
SETA01	New vehicles	CUSR0000SETA01	SEASONAL FACTOR	2021	100.422	100.409	100.239	100.105	100.092	100.103	100.076	99.832	98.576	99.691	99.761	99.893
SETA01	New vehicles	CUSR0000SETA01	UNADJUSTED INDEX	2017	148.448	148.993	148.543	148.457	148.033	147.262	146.190	145.712	145.037	144.668	145.422	145.122
SETA01	New vehicles	CUSR0000SETA01	UNADJUSTED INDEX	2018	146.996	146.807	146.727	146.069	146.349	146.562	146.526	146.149	145.715	145.588	145.826	146.126
SETA01	New vehicles	CUSR0000SETA01	UNADJUSTED INDEX	2019	147.059	147.226	147.									

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SETE	Motor vehicle insurance	CUSR0000SETE	UNADJUSTED INDEX	2021	551.552	560.386	565.166	567.509	569.010	569.656	566.473	566.183	566.211	564.507	568.239	567.875
SETG	Public transportation	CUSR0000SETG	SEASONALLY ADJUSTED INDEX	2017	265.453	266.391	267.362	267.966	264.290	263.193	262.071	260.037	259.988	260.256	259.307	259.919
SETG	Public transportation	CUSR0000SETG	UNADJUSTED INDEX	2018	259.656	263.772	267.458	273.819	258.304	273.359	258.184	258.933	258.254	258.596	255.888	254.946
SETG	Public transportation	CUSR0000SETG	SEASONALLY ADJUSTED INDEX	2019	254.655	256.744	258.154	258.974	262.084	261.590	259.224	261.999	261.788	260.072	258.998	255.886
SETG	Public transportation	CUSR0000SETG	SEASONALLY ADJUSTED INDEX	2020	258.406	261.989	241.320	218.982	211.701	213.527	216.042	215.571	213.365	223.282	226.726	223.163
SETG	Public transportation	CUSR0000SETG	SEASONALLY ADJUSTED INDEX	2021	221.851	220.718	222.880	235.630	246.705	250.751	244.906	232.969	222.038	221.538	224.570	227.098
SETG	Public transportation	CUSR0000SETG	SEASONAL FACTOR	2017	97.404	97.404	97.404	97.404	97.404	97.404	97.404	97.404	97.404	97.404	97.404	97.404
SETG	Public transportation	CUSR0000SETG	SEASONAL FACTOR	2018	97.414	99.420	99.680	101.689	104.063	103.658	100.456	97.858	98.456	100.338	100.429	97.769
SETG	Public transportation	CUSR0000SETG	SEASONAL FACTOR	2019	97.442	99.182	99.174	101.131	103.543	103.190	104.749	98.156	98.787	100.713	101.070	98.052
SETG	Public transportation	CUSR0000SETG	SEASONAL FACTOR	2020	97.749	98.748	98.439	100.461	102.848	102.882	101.395	98.405	98.860	100.748	101.655	98.980
SETG	Public transportation	CUSR0000SETG	SEASONAL FACTOR	2021	98.039	98.256	97.858	99.903	102.330	102.723	101.959	98.680	98.809	100.469	102.044	99.488
SETG	Public transportation	CUSR0000SETG	UNADJUSTED INDEX	2017	258.551	264.470	268.591	276.599	274.514	263.345	253.737	254.650	259.341	257.719		
SETG	Public transportation	CUSR0000SETG	UNADJUSTED INDEX	2018	253.228	258.261	261.019	264.990	268.864	266.978	260.360	253.387	260.256	258.420	256.986	248.489
SETG	Public transportation	CUSR0000SETG	UNADJUSTED INDEX	2019	248.142	254.643	256.023	261.903	271.370	269.935	261.165	257.167	258.612	261.927	261.770	250.902
SETG	Public transportation	CUSR0000SETG	UNADJUSTED INDEX	2020	252.590	258.708	237.553	219.993	217.731	219.680	219.055	212.132	215.875	224.953	230.478	220.685
SETG	Public transportation	CUSR0000SETG	UNADJUSTED INDEX	2021	217.500	216.669	218.036	235.401	252.454	257.578	249.703	229.893	219.394	204.577	223.161	225.937
SETG01	Airline fares	CUSR0000SETG01	SEASONALLY ADJUSTED INDEX	2017	280.879	282.923	284.341	285.005	279.718	277.107	274.870	270.846	268.659	268.229	266.421	267.054
SETG01	Airline fares	CUSR0000SETG01	SEASONALLY ADJUSTED INDEX	2018	266.031	267.193	268.319	266.963	264.419	263.455	264.041	265.350	265.828	263.636	260.583	255.585
SETG01	Airline fares	CUSR0000SETG01	SEASONALLY ADJUSTED INDEX	2019	257.971	261.852	262.738	264.583	269.956	269.299	266.420	267.665	269.935	265.475	262.867	260.305
SETG01	Airline fares	CUSR0000SETG01	SEASONALLY ADJUSTED INDEX	2020	258.387	268.465	259.729	260.347	268.842	260.611	260.113	261.409	263.149	269.871	268.942	254.411
SETG01	Airline fares	CUSR0000SETG01	SEASONALLY ADJUSTED INDEX	2021	206.096	201.841	203.607	223.988	243.801	249.094	238.028	217.456	204.659	202.140	206.220	211.552
SETG01	Airline fares	CUSR0000SETG01	SEASONAL FACTOR	2017	95.856	99.150	99.733	103.168	107.469	106.957	104.887	97.599	96.458	99.652	100.581	95.467
SETG01	Airline fares	CUSR0000SETG01	SEASONAL FACTOR	2018	96.040	99.281	99.688	102.567	106.197	105.877	100.361	96.430	97.129	100.713	101.238	96.930
SETG01	Airline fares	CUSR0000SETG01	SEASONAL FACTOR	2019	96.303	98.930	98.843	101.581	104.504	105.088	100.711	97.800	97.486	101.656	102.331	96.968
SETG01	Airline fares	CUSR0000SETG01	SEASONAL FACTOR	2020	96.976	98.298	97.753	100.463	103.513	104.498	101.560	97.666	97.340	102.015	103.484	98.119
SETG01	Airline fares	CUSR0000SETG01	SEASONAL FACTOR	2021	97.443	97.703	96.821	99.538	102.628	104.303	102.346	97.897	97.223	101.771	104.335	98.978
SETG01	Airline fares	CUSR0000SETG01	UNADJUSTED INDEX	2017	269.241	280.517	283.583	294.034	300.809	296.384	276.308	259.359	259.143	267.297	267.970	254.947
SETG01	Airline fares	CUSR0000SETG01	UNADJUSTED INDEX	2018	255.499	267.620	270.067	280.967	301.111	301.018	286.938	258.199	258.977	261.649	269.879	257.019
SETG01	Airline fares	CUSR0000SETG01	UNADJUSTED INDEX	2019	248.433	259.049	259.698	268.757	283.275	283.201	268.314	259.849	263.149	269.871	268.994	252.411
SETG01	Airline fares	CUSR0000SETG01	UNADJUSTED INDEX	2020	255.200	265.142	232.113	202.343	201.649	206.066	204.785	199.496	197.424	215.993	223.360	205.983
SETG01	Airline fares	CUSR0000SETG01	UNADJUSTED INDEX	2021	200.825	197.204	197.134	222.562	250.209	256.684	243.613	212.882	198.975	209.264	215.159	208.954
SETG02	Other intercity transportation	CUSR0000SETG02	SEASONALLY ADJUSTED INDEX	2017	160.520	160.520	160.520	160.520	160.520	160.520	160.520	160.520	160.520	160.520	160.520	160.520
SETG02	Other intercity transportation	CUSR0000SETG02	SEASONALLY ADJUSTED INDEX	2018	162.475	163.267	163.310	162.622	160.261	160.182	160.213	157.802	157.961	158.051	157.374	157.750
SETG02	Other intercity transportation	CUSR0000SETG02	SEASONALLY ADJUSTED INDEX	2019	157.938	158.890	160.508	161.489	161.742	159.658	158.372	159.604	160.161	157.980	158.372	156.192
SETG02	Other intercity transportation	CUSR0000SETG02	SEASONALLY ADJUSTED INDEX	2020	156.708	156.553	150.780	149.952	148.707	147.349	146.967	148.697	150.309	152.296	156.916	160.357
SETG02	Other intercity transportation	CUSR0000SETG02	SEASONALLY ADJUSTED INDEX	2021	161.393	162.195	162.656	162.392	164.383	166.911	163.847	163.850	161.511	159.331	160.635	160.371
SETG02	Other intercity transportation	CUSR0000SETG02	SEASONAL FACTOR	2017	98.989	98.465	98.629	100.350	100.197	100.113	101.469	101.010	100.368	99.296	99.449	97.713
SETG02	Other intercity transportation	CUSR0000SETG02	SEASONAL FACTOR	2018	99.269	98.497	99.627	100.388	100.377	100.177	101.402	100.963	100.221	99.401	99.426	100.189
SETG02	Other intercity transportation	CUSR0000SETG02	SEASONAL FACTOR	2019	99.156	98.550	99.608	100.448	100.568	100.179	101.305	101.015	100.299	99.353	99.425	100.031
SETG02	Other intercity transportation	CUSR0000SETG02	SEASONAL FACTOR	2020	99.041	98.590	99.628	100.515	100.718	100.194	101.247	101.024	100.344	99.319	99.428	98.978
SETG02	Other intercity transportation	CUSR0000SETG02	SEASONAL FACTOR	2021	99.974	98.616	98.657	100.777	100.764	100.738	100.729	100.710	100.698	99.546	99.768	98.713
SETG02	Other intercity transportation	CUSR0000SETG02	UNADJUSTED INDEX	2017	150.944	157.869	159.179	159.562	158.197	158.369	161.315	160.156	160.066	161.233	168.667	161.631
SETG02	Other intercity transportation	CUSR0000SETG02	UNADJUSTED INDEX	2018	161.288	160.813	162.701	163.253	160.866	160.466	162.459	159.321	158.310	157.150	156.471	155.050
SETG02	Other intercity transportation	CUSR0000SETG02	UNADJUSTED INDEX	2019	156.605	156.586	159.878	162.213	162.661	159.943	158.877	161.224	160.679	156.959	157.452	156.241
SETG02	Other intercity transportation	CUSR0000SETG02	UNADJUSTED INDEX	2020	155.203	154.264	150.747	149.714	149.246	148.800	150.220	150.827	150.949	150.827	150.949	150.827
SETG02	Other intercity transportation	CUSR0000SETG02	UNADJUSTED INDEX	2021	159.675	159.951	162.114	163.933	166.380	167.283	165.829	165.504	162.105	158.209	159.699	159.987
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	SEASONALLY ADJUSTED INDEX	2017	306.333	304.485	307.148	304.125	303.560	305.874	304.630	302.174	304.914	303.511	300.615	300.910
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	SEASONALLY ADJUSTED INDEX	2018	301.709	298.875	300.257	299.756	303.689	300.310	301.414	301.416	300.379	300.266	300.049	303.029
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	SEASONALLY ADJUSTED INDEX	2019	306.251	307.945	309.429	304.215	307.366	306.194	308.478	306.748	306.748	306.748	306.748	306.748
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	SEASONALLY ADJUSTED INDEX	2020	302.970	308.410	310.218	320.399	319.490	318.058	316.914	317.016	314.852	314.002	322.086	313.251
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	SEASONALLY ADJUSTED INDEX	2021	313.209	317.647	316.257	322.099	322.992	322.992	321.360	329.134	337.194	337.351	340.801	347.728
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	SEASONAL FACTOR	2017	99.927	99.564	100.194	99.989	100.789	101.064	100.850	101.703	100.607	100.343	97.171	97.859
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	SEASONAL FACTOR	2018	99.889	99.616	100.447	100.867	100.911	101.018	100.960	100.789	100.614	99.946	97.546	97.813
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	SEASONAL FACTOR	2019	99.745	99.714	99.813	100.155	101.023	100.955	101.078	101.567	100.904	100.233	97.008	97.904
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	SEASONAL FACTOR	2020	99.550	99.853	99.603	100.066	101.101	100.867	101.204	101.468	100.989	100.248	97.016	97.907
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	SEASONAL FACTOR	2021	99.349	99.905	99.493	100.324	101.157	100.806	101.253	101.452	101.000	100.232	97.085	98.052
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	UNADJUSTED INDEX	2017	306.104	307.945	309.429	304.215	307.366	306.194	308.478	306.748	306.748	306.748	306.748	306.748
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	UNADJUSTED INDEX	2018	301.373	297.758	300.279	299.598	296.363	303.368	307.307	306.317	302.763	301.050	294.986	296.759
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	UNADJUSTED INDEX	2019	305.473	306.519	303.647	301.798	301.542	309.526	309.436	313.283	311.267	311.228	296.462	303.588
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	UNADJUSTED INDEX	2020	301.606	307.955	308.985	321.130	323.007	320.816	320.790	321.669	317.965	314.782	312.475	301.241
SS0206A	Crackers, bread, and cracker products	CUSR0000SS0206A	UNADJUSTED INDEX	2021	311.170	317.346	314.652	323.142	327.639	323.949	335.460	333.913	334.504	338.388	330.866	330.866

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SS07021	Frozen fish and seafood	CUSR0000SS07021	SEASONAL FACTOR	2017	99.719	99.867	97.970	99.836	101.022	100.162	100.055	100.655	100.539	99.955	100.643	99.920
SS07021	Frozen fish and seafood	CUSR0000SS07021	SEASONAL FACTOR	2018	99.852	99.114	97.942	99.580	100.787	100.002	100.826	100.566	100.394	100.334	100.881	99.974
SS07021	Frozen fish and seafood	CUSR0000SS07021	SEASONAL FACTOR	2019	100.048	142.828	144.674	144.628	144.524	145.023	145.610	146.498	146.347	146.535	146.266	147.222
SS07021	Frozen fish and seafood	CUSR0000SS07021	SEASONAL FACTOR	2020	100.297	99.358	97.506	99.127	100.322	99.883	100.493	100.496	100.295	100.174	101.246	100.653
SS07021	Frozen fish and seafood	CUSR0000SS07021	SEASONAL FACTOR	2021	100.455	99.396	97.293	99.021	100.127	99.902	100.434	100.532	100.306	100.699	101.314	100.417
SS07021	Frozen fish and seafood	CUSR0000SS07021	UNADJUSTED INDEX	2017	298.695	306.706	299.718	301.313	307.630	304.566	307.668	306.243	306.288	308.655	307.385	302.914
SS07021	Frozen fish and seafood	CUSR0000SS07021	UNADJUSTED INDEX	2018	302.207	295.331	294.243	309.217	309.712	301.321	302.949	305.846	308.761	308.751	309.264	308.246
SS07021	Frozen fish and seafood	CUSR0000SS07021	UNADJUSTED INDEX	2019	307.854	306.689	303.922	306.897	311.132	306.857	307.322	310.576	306.704	309.876	311.690	307.827
SS07021	Frozen fish and seafood	CUSR0000SS07021	UNADJUSTED INDEX	2020	308.041	305.140	297.425	319.781	322.465	322.122	318.333	324.014	320.406	323.980	324.164	321.603
SS07021	Frozen fish and seafood	CUSR0000SS07021	UNADJUSTED INDEX	2021	323.479	319.101	311.110	317.078	323.844	329.809	330.387	334.950	341.541	338.805	339.387	326.628
SS09011	Fresh whole milk	CUSR0000SS09011	SEASONALLY ADJUSTED INDEX	2017	205.598	205.737	205.185	202.245	202.879	200.806	200.338	198.964	198.253	195.503	198.189	197.562
SS09011	Fresh whole milk	CUSR0000SS09011	SEASONALLY ADJUSTED INDEX	2018	196.482	196.770	194.813	195.731	195.998	196.492	195.251	196.557	195.008	196.049	194.105	
SS09011	Fresh whole milk	CUSR0000SS09011	SEASONALLY ADJUSTED INDEX	2019	195.305	197.035	199.123	200.240	199.164	201.597	200.795	201.079	200.620	202.866	203.773	204.236
SS09011	Fresh whole milk	CUSR0000SS09011	SEASONALLY ADJUSTED INDEX	2020	207.330	208.591	209.309	210.153	209.875	209.340	209.869	218.966	219.008	213.864	215.081	219.949
SS09011	Fresh whole milk	CUSR0000SS09011	SEASONALLY ADJUSTED INDEX	2021	217.026	215.042	214.587	219.268	225.012	224.947	226.771	225.202	226.209	226.523	225.191	230.822
SS09011	Fresh whole milk	CUSR0000SS09011	SEASONAL FACTOR	2017	100.671	100.018	98.729	99.540	99.233	98.874	99.626	99.464	100.285	100.716	100.718	101.085
SS09011	Fresh whole milk	CUSR0000SS09011	SEASONAL FACTOR	2018	100.751	99.959	99.664	99.556	99.266	98.927	99.679	99.506	100.232	100.613	100.700	101.079
SS09011	Fresh whole milk	CUSR0000SS09011	SEASONAL FACTOR	2019	100.851	99.952	99.605	99.565	99.235	98.988	98.760	99.537	100.153	100.575	100.674	101.031
SS09011	Fresh whole milk	CUSR0000SS09011	SEASONAL FACTOR	2020	100.927	99.927	99.587	99.588	99.229	99.046	98.817	99.588	100.090	100.504	100.670	101.003
SS09011	Fresh whole milk	CUSR0000SS09011	SEASONAL FACTOR	2021	100.974	99.876	99.535	99.630	99.229	99.108	99.944	99.655	100.047	100.416	100.666	100.986
SS09011	Fresh whole milk	CUSR0000SS09011	UNADJUSTED INDEX	2017	206.977	205.774	204.630	201.315	201.322	198.545	200.185	197.898	198.817	196.907	199.611	199.705
SS09011	Fresh whole milk	CUSR0000SS09011	UNADJUSTED INDEX	2018	197.963	196.689	194.159	194.861	193.963	194.389	194.624	195.586	195.460	197.351	196.414	196.199
SS09011	Fresh whole milk	CUSR0000SS09011	UNADJUSTED INDEX	2019	196.967	196.940	198.336	199.559	197.641	199.557	200.314	200.148	200.912	204.033	205.127	206.342
SS09011	Fresh whole milk	CUSR0000SS09011	UNADJUSTED INDEX	2020	209.253	208.440	208.402	209.286	208.256	207.343	209.485	218.064	219.306	214.942	216.523	222.156
SS09011	Fresh whole milk	CUSR0000SS09011	UNADJUSTED INDEX	2021	219.140	214.775	213.568	218.456	223.276	222.941	226.418	224.425	226.314	227.465	230.717	233.097
SS09021	Fresh milk other than whole	CUSR0000SS09021	SEASONALLY ADJUSTED INDEX	2017	144.866	144.720	144.310	142.813	143.061	143.007	143.045	142.367	141.337	142.493	143.510	141.758
SS09021	Fresh milk other than whole	CUSR0000SS09021	SEASONALLY ADJUSTED INDEX	2018	141.294	141.491	140.238	141.214	140.689	142.418	140.540	141.707	140.991	142.178	143.615	141.787
SS09021	Fresh milk other than whole	CUSR0000SS09021	SEASONALLY ADJUSTED INDEX	2019	143.043	142.628	144.674	144.628	144.524	145.023	145.610	146.498	146.347	146.535	146.266	147.222
SS09021	Fresh milk other than whole	CUSR0000SS09021	SEASONALLY ADJUSTED INDEX	2020	150.290	150.613	150.851	153.435	152.673	151.334	151.612	156.850	156.332	159.428	153.129	155.416
SS09021	Fresh milk other than whole	CUSR0000SS09021	SEASONALLY ADJUSTED INDEX	2021	154.290	153.966	152.435	155.646	157.494	158.107	159.296	157.957	158.933	158.905	159.851	161.827
SS09021	Fresh milk other than whole	CUSR0000SS09021	SEASONAL FACTOR	2017	100.188	100.159	100.018	99.604	99.718	99.256	99.998	99.833	100.115	100.213	100.284	101.300
SS09021	Fresh milk other than whole	CUSR0000SS09021	SEASONAL FACTOR	2018	100.699	99.961	99.617	101.217	100.991	100.547	100.848	100.947	100.745	100.948	101.045	101.553
SS09021	Fresh milk other than whole	CUSR0000SS09021	SEASONAL FACTOR	2019	100.406	100.115	99.953	99.933	99.766	99.388	99.322	99.793	99.966	100.117	100.280	101.153
SS09021	Fresh milk other than whole	CUSR0000SS09021	SEASONAL FACTOR	2020	100.508	100.086	99.921	99.664	99.788	99.458	99.380	99.785	99.887	100.070	100.293	101.081
SS09021	Fresh milk other than whole	CUSR0000SS09021	SEASONAL FACTOR	2021	100.564	100.039	99.896	99.726	99.811	99.522	99.434	99.779	99.833	100.011	100.291	101.026
SS09021	Fresh milk other than whole	CUSR0000SS09021	UNADJUSTED INDEX	2017	145.138	144.950	144.336	142.248	142.658	141.943	141.908	143.300	150.000	142.796	144.254	143.639
SS09021	Fresh milk other than whole	CUSR0000SS09021	UNADJUSTED INDEX	2018	141.678	141.678	140.674	140.684	140.326	141.453	139.524	141.423	141.343	140.128	140.408	140.503
SS09021	Fresh milk other than whole	CUSR0000SS09021	UNADJUSTED INDEX	2019	143.629	142.790	144.605	144.077	144.586	144.136	144.551	146.305	146.768	147.528	148.691	148.983
SS09021	Fresh milk other than whole	CUSR0000SS09021	UNADJUSTED INDEX	2020	151.053	150.743	150.732	152.919	152.349	150.514	150.672	156.513	156.156	155.035	155.671	157.096
SS09021	Fresh milk other than whole	CUSR0000SS09021	UNADJUSTED INDEX	2021	155.161	154.017	152.726	155.220	157.196	157.351	158.394	157.608	158.272	158.922	160.136	163.400
SS10011	Butter	CUSR0000SS10011	SEASONALLY ADJUSTED INDEX	2017	237.659	235.085	237.264	237.889	240.183	234.705	242.470	244.571	243.272	244.761	245.617	246.507
SS10011	Butter	CUSR0000SS10011	SEASONALLY ADJUSTED INDEX	2018	244.262	244.102	237.542	247.117	243.427	245.714	244.693	241.072	244.284	244.554	246.714	245.955
SS10011	Butter	CUSR0000SS10011	SEASONALLY ADJUSTED INDEX	2019	246.320	252.436	250.531	242.486	247.156	246.583	245.468	244.619	245.373	246.171	245.584	247.979
SS10011	Butter	CUSR0000SS10011	SEASONALLY ADJUSTED INDEX	2020	251.037	248.714	251.553	249.362	249.362	247.513	248.848	250.250	249.665	249.707	243.178	247.079
SS10011	Butter	CUSR0000SS10011	SEASONALLY ADJUSTED INDEX	2021	248.524	246.246	246.965	248.401	248.982	248.632	246.384	246.384	246.100	246.100	246.100	246.100
SS10011	Butter	CUSR0000SS10011	SEASONAL FACTOR	2017	101.209	99.516	100.182	98.280	99.326	98.692	100.837	101.898	102.227	101.021	98.723	97.048
SS10011	Butter	CUSR0000SS10011	SEASONAL FACTOR	2018	101.018	99.612	100.655	98.788	100.066	99.005	101.071	101.696	101.655	100.679	98.270	96.564
SS10011	Butter	CUSR0000SS10011	SEASONAL FACTOR	2019	100.854	99.819	101.086	99.022	100.695	99.266	101.074	101.590	101.163	100.674	97.818	96.305
SS10011	Butter	CUSR0000SS10011	SEASONAL FACTOR	2020	100.691	99.961	101.167	101.217	100.991	100.547	100.848	100.947	100.745	100.948	101.045	101.553
SS10011	Butter	CUSR0000SS10011	SEASONAL FACTOR	2021	100.430	100.188	101.227	99.193	101.375	99.550	100.940	101.717	100.603	101.031	97.376	96.363
SS10011	Butter	CUSR0000SS10011	UNADJUSTED INDEX	2017	236.434	233.948	237.697	233.797	238.565	236.344	244.500	249.213	248.690	244.848	242.644	238.320
SS10011	Butter	CUSR0000SS10011	UNADJUSTED INDEX	2018	246.748	243.154	239.099	244.122	243.581	248.281	247.314	245.161	248.250	246.244	243.237	237.725
SS10011	Butter	CUSR0000SS10011	UNADJUSTED INDEX	2019	248.422	251.079	253.689	240.114	248.875	246.114	248.875	246.227	248.227	248.227	248.227	248.227
SS10011	Butter	CUSR0000SS10011	UNADJUSTED INDEX	2020	252.787	248.632	254.716	247.899	252.121	246.007	251.324	254.389	251.076	250.060	237.134	238.152
SS10011	Butter	CUSR0000SS10011	UNADJUSTED INDEX	2021	246.297	248.713	249.981	246.396	253.423	249.285	251.269	252.982	252.871	252.871	248.290	240.046
SS11031	Oranges, including tangerines	CUSR0000SS11031	SEASONALLY ADJUSTED INDEX	2017	501.849	500.038	498.065	499.626	495.059	526.245	524.809	516.477	527.598	542.704	541.397	530.073
SS11031	Oranges, including tangerines	CUSR0000SS11031	SEASONALLY ADJUSTED INDEX	2018	528.351	527.865	527.865	527.865	527.865	527.865	527.865	527.865	527.865	527.865	527.865	527.865
SS11031	Oranges, including tangerines	CUSR0000SS11031	SEASONALLY ADJUSTED INDEX	2019	528.351	527.865	527.865	527.865	527.865	527.865	527.865	527.865	527.865	527.865	527.865	527.865
SS11031	Oranges, including tangerines	CUSR0000SS11031	SEASONALLY ADJUSTED INDEX	2020	495.442	483.618	485.072	500.201	490.804	491.221	494.081	501.303	505.380	499.722	514.596	509.567
SS11031	Oranges, including tangerines	CUSR0000SS11031	SEASONALLY ADJUSTED INDEX	2021	515.784	525.421	522.844	527.010	526.483	527.523	502.867	508.472	513.868	513.920		

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SS18041	Salt and other seasonings and spices	CUSR0000SS18041	UNADJUSTED INDEX	2018	155.686	156.251	155.250	152.085	152.040	154.680	155.329	153.872	156.019	155.309	153.155	151.442
SS18041	Salt and other seasonings and spices	CUSR0000SS18041	UNADJUSTED INDEX	2019	155.350	157.818	155.606	153.657	153.909	156.180	157.283	154.906	156.424	155.080	151.537	151.423
SS18041	Salt and other seasonings and spices	CUSR0000SS18041	SEASONALLY ADJUSTED INDEX	2020	155.945	156.731	156.406	156.971	156.479	158.073	157.718	156.469	156.721	156.549	156.732	159.153
SS18041	Salt and other seasonings and spices	CUSR0000SS18041	UNADJUSTED INDEX	2021	160.754	162.408	161.073	160.591	161.153	160.383	161.830	159.855	163.017	163.918	166.822	166.855
SS18043	Sauces and gravies	CUSR0000SS18043	SEASONALLY ADJUSTED INDEX	2017	136.720	137.053	135.942	136.641	135.425	135.023	136.200	137.584	137.093	137.565	139.448	140.318
SS18043	Sauces and gravies	CUSR0000SS18043	SEASONALLY ADJUSTED INDEX	2018	140.583	139.363	139.137	138.924	139.793	139.841	138.729	138.706	139.777	139.467	140.111	140.399
SS18043	Sauces and gravies	CUSR0000SS18043	UNADJUSTED INDEX	2019	136.437	137.296	140.443	139.130	138.951	140.294	140.533	139.836	140.245	139.533	139.348	139.133
SS18043	Sauces and gravies	CUSR0000SS18043	SEASONALLY ADJUSTED INDEX	2020	138.509	141.670	143.638	145.804	145.666	146.087	145.124	146.843	145.924	146.400	145.465	144.732
SS18043	Sauces and gravies	CUSR0000SS18043	SEASONALLY ADJUSTED INDEX	2021	145.244	146.507	143.544	145.383	145.558	144.623	146.301	145.750	147.171	148.816	150.255	150.449
SS18043	Sauces and gravies	CUSR0000SS18043	SEASONAL FACTOR	2017	101.122	100.455	100.980	100.230	99.113	99.362	99.683	98.927	100.558	100.033	99.276	99.491
SS18043	Sauces and gravies	CUSR0000SS18043	SEASONAL FACTOR	2018	100.996	100.362	101.080	100.272	99.315	99.479	99.511	99.990	100.458	100.129	99.269	99.133
SS18043	Sauces and gravies	CUSR0000SS18043	UNADJUSTED INDEX	2019	100.822	101.472	101.138	101.317	99.562	99.574	99.392	100.031	100.347	99.269	99.007	
SS18043	Sauces and gravies	CUSR0000SS18043	SEASONAL FACTOR	2020	100.603	100.245	101.125	100.365	99.758	99.608	99.733	100.038	100.277	100.439	99.239	98.955
SS18043	Sauces and gravies	CUSR0000SS18043	SEASONAL FACTOR	2021	100.457	100.219	101.135	100.414	99.888	99.595	99.390	100.020	100.354	100.929	98.889	
SS18043	Sauces and gravies	CUSR0000SS18043	UNADJUSTED INDEX	2017	138.255	137.676	137.275	136.956	134.224	134.162	135.768	137.484	137.858	137.610	138.229	138.254
SS18043	Sauces and gravies	CUSR0000SS18043	UNADJUSTED INDEX	2018	141.983	139.867	140.639	139.302	138.835	139.112	138.951	138.652	140.417	139.566	139.087	139.210
SS18043	Sauces and gravies	CUSR0000SS18043	UNADJUSTED INDEX	2019	140.588	140.177	142.013	140.373	139.338	140.151	139.393	140.577	140.420	140.213	137.868	137.783
SS18043	Sauces and gravies	CUSR0000SS18043	UNADJUSTED INDEX	2020	139.344	142.018	145.255	146.336	145.313	145.515	144.213	146.899	146.328	147.042	144.358	142.769
SS18043	Sauces and gravies	CUSR0000SS18043	UNADJUSTED INDEX	2021	145.908	146.828	145.174	145.985	145.396	144.037	145.045	148.779	147.513	149.626	149.097	148.778
SS18048	Other condiments	CUSR0000SS18048	SEASONALLY ADJUSTED INDEX	2017	275.221	281.141	281.014	282.669	284.617	280.717	280.841	286.157	286.996	292.525	299.140	302.227
SS18048	Other condiments	CUSR0000SS18048	SEASONALLY ADJUSTED INDEX	2018	276.407	273.060	274.525	273.434	276.951	277.522	278.095	273.465	280.990	274.811	277.171	278.340
SS18048	Other condiments	CUSR0000SS18048	SEASONALLY ADJUSTED INDEX	2019	276.167	278.165	279.310	276.691	274.708	278.895	274.560	276.466	285.178	277.836	278.103	277.032
SS18048	Other condiments	CUSR0000SS18048	SEASONALLY ADJUSTED INDEX	2020	277.210	275.577	278.951	281.142	276.927	281.172	283.746	283.857	281.624	284.274	280.452	280.022
SS18048	Other condiments	CUSR0000SS18048	SEASONALLY ADJUSTED INDEX	2021	281.822	283.141	281.014	282.669	284.617	280.717	280.841	286.157	286.996	292.525	299.140	302.227
SS18048	Other condiments	CUSR0000SS18048	SEASONAL FACTOR	2017	99.695	99.933	100.204	100.744	101.118	101.268	101.200	101.303	100.799	98.948	97.729	97.381
SS18048	Other condiments	CUSR0000SS18048	SEASONAL FACTOR	2018	99.452	99.831	100.263	100.830	100.940	101.258	101.053	101.101	100.892	99.267	97.989	97.574
SS18048	Other condiments	CUSR0000SS18048	SEASONAL FACTOR	2019	99.380	99.685	100.335	100.892	100.797	101.075	100.813	100.945	100.890	99.437	98.253	97.728
SS18048	Other condiments	CUSR0000SS18048	SEASONALLY ADJUSTED INDEX	2020	99.354	99.754	100.262	100.830	100.940	101.258	101.053	101.101	100.892	99.267	97.989	97.574
SS18048	Other condiments	CUSR0000SS18048	SEASONAL FACTOR	2021	99.430	99.717	100.373	101.094	100.542	100.503	100.115	100.886	100.694	99.963	98.733	98.094
SS18048	Other condiments	CUSR0000SS18048	UNADJUSTED INDEX	2017	274.381	280.831	278.928	279.885	283.809	281.413	283.099	281.880	279.602	272.366	270.968	268.969
SS18048	Other condiments	CUSR0000SS18048	UNADJUSTED INDEX	2018	274.893	272.599	275.246	275.703	279.555	281.013	281.022	276.475	283.496	272.619	271.146	271.448
SS18048	Other condiments	CUSR0000SS18048	UNADJUSTED INDEX	2019	274.451	279.280	279.845	279.885	281.172	283.746	283.857	281.624	284.274	280.452	280.022	
SS18048	Other condiments	CUSR0000SS18048	UNADJUSTED INDEX	2020	275.419	274.895	280.084	283.890	278.807	282.292	284.848	286.311	283.978	283.399	276.382	274.267
SS18048	Other condiments	CUSR0000SS18048	UNADJUSTED INDEX	2021	280.216	286.339	282.061	285.761	286.159	282.128	286.159	286.893	288.987	290.816	295.300	288.987
SS18064	Prepared salads	CUSR0000SS18064	SEASONALLY ADJUSTED INDEX	2017	126.566	126.122	127.649	127.155	127.149	126.369	127.543	127.015	127.291	127.675	126.995	127.442
SS18064	Prepared salads	CUSR0000SS18064	SEASONALLY ADJUSTED INDEX	2018	126.892	128.352	128.075	127.890	127.126	127.442	126.757	128.972	127.908	127.616	128.478	127.814
SS18064	Prepared salads	CUSR0000SS18064	UNADJUSTED INDEX	2019	125.612	124.882	125.138	124.422	125.773	126.798	127.556	127.108	151.169	151.169	151.169	151.169
SS18064	Prepared salads	CUSR0000SS18064	SEASONALLY ADJUSTED INDEX	2020	131.625	131.574	131.957	128.042	130.360	130.899	128.140	131.048	129.714	129.504	129.723	130.926
SS18064	Prepared salads	CUSR0000SS18064	SEASONALLY ADJUSTED INDEX	2021	131.331	132.000	130.451	131.949	134.077	131.208	135.488	133.979	138.438	138.429	139.659	138.840
SS18064	Prepared salads	CUSR0000SS18064	SEASONAL FACTOR	2017	100.562	101.064	101.015	100.608	98.680	98.402	98.960	98.472	98.626	100.213	101.211	101.727
SS18064	Prepared salads	CUSR0000SS18064	SEASONAL FACTOR	2018	101.765	101.339	101.163	100.470	98.512	98.126	98.859	98.623	98.623	100.213	101.211	101.727
SS18064	Prepared salads	CUSR0000SS18064	SEASONAL FACTOR	2019	101.562	101.282	101.111	100.607	98.512	98.126	98.859	98.623	98.623	100.213	101.211	101.727
SS18064	Prepared salads	CUSR0000SS18064	SEASONAL FACTOR	2020	101.306	101.389	101.131	100.504	98.314	98.194	98.720	98.590	98.626	98.813	101.130	102.123
SS18064	Prepared salads	CUSR0000SS18064	SEASONAL FACTOR	2021	101.442	101.469	101.058	100.380	98.311	98.196	98.679	98.537	98.680	99.767	101.145	102.123
SS18064	Prepared salads	CUSR0000SS18064	UNADJUSTED INDEX	2017	127.454	127.454	127.454	127.454	127.454	127.454	127.454	127.454	127.454	127.454	127.454	127.454
SS18064	Prepared salads	CUSR0000SS18064	UNADJUSTED INDEX	2018	127.924	129.814	129.564	128.747	125.224	125.251	125.311	127.260	126.146	127.179	127.953	127.224
SS18064	Prepared salads	CUSR0000SS18064	UNADJUSTED INDEX	2019	126.934	126.068	126.641	127.190	123.735	124.551	125.949	125.396	125.510	126.127	128.787	128.787
SS18064	Prepared salads	CUSR0000SS18064	UNADJUSTED INDEX	2020	132.980	133.401	133.430	128.687	132.163	128.535	126.500	129.200	128.115	129.262	131.888	133.706
SS18064	Prepared salads	CUSR0000SS18064	UNADJUSTED INDEX	2021	133.331	133.401	133.430	128.687	132.163	128.535	126.500	129.200	128.115	129.262	131.888	133.706
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	SEASONALLY ADJUSTED INDEX	2017	150.594	149.696	149.779	150.578	151.129	151.349	151.619	149.073	148.248	142.908	144.672	144.911
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	SEASONALLY ADJUSTED INDEX	2018	150.437	149.310	149.810	149.043	148.247	149.289	149.745	152.433	154.065	156.104	155.002	157.713
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	SEASONALLY ADJUSTED INDEX	2019	157.763	156.492	156.858	156.858	156.858	156.858	156.858	156.858	156.858	156.858	156.858	156.858
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	SEASONALLY ADJUSTED INDEX	2020	158.999	158.492	158.958	160.038	160.073	160.844	162.026	163.870	163.852	166.505	169.571	171.639
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	SEASONAL FACTOR	2017	100.260	100.306	100.299	100.456	100.719	100.450	99.189	98.152	98.546	100.061	101.011	100.779
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	SEASONAL FACTOR	2018	100.367	100.348	100.262	100.431	100.671	100.469	98.949	98.102	98.478	100.062	101.050	100.759
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	SEASONAL FACTOR	2019	100.411	100.367	100.262	100.431	100.671	100.469	98.949	98.102	98.478	100.062	101.050	100.759
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	SEASONAL FACTOR	2020	100.475	100.395	100.259	100.412	100.583	100.563	98.965	98.022	98.356	100.011	101.091	100.779
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	SEASONAL FACTOR	2021	100.552	100.389	100.256	100.415	100.516	100.583	98.997	98.002	98.302	100.100	101.041	100.817
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	UNADJUSTED INDEX	2017	150.722	151.047	150.873	150.041	150.662	150.317	148.311	145.313	148.530	152.917	153.151	151.186
SS33032	Stationery, stationery supplies, a ft wrap	CUSR0000SS33032	UNADJUSTED INDEX	2018	150.644	150.217	150.171	151.226	15							

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SS47016	Gasoline, unleaded premium	CUSR0000SS47016	SEASONALLY ADJUSTED INDEX	2019	230.229	233.407	244.826	257.924	256.199	246.985	247.664	243.662	245.011	252.200	255.023	256.160	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	SEASONALLY ADJUSTED INDEX	2020	252.577	246.777	231.247	194.147	184.320	199.039	208.021	211.988	214.588	213.051	212.875	222.773	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	SEASONALLY ADJUSTED INDEX	2021	233.027	247.358	246.387	248.537	246.537	247.437	250.805	247.228	249.504	249.743	249.581	253.328	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	SEASONAL FACTOR	2017	95.516	95.232	96.998	101.147	104.621	104.335	103.978	102.273	101.248	100.334	98.472	95.827	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	SEASONAL FACTOR	2018	95.692	95.425	97.070	101.101	104.384	104.131	103.170	102.128	101.202	100.405	98.624	96.020	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	SEASONAL FACTOR	2019	96.002	95.677	96.955	100.996	104.313	103.882	103.149	101.940	101.139	100.584	98.803	96.099	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	SEASONAL FACTOR	2020	96.264	95.938	97.322	101.475	104.519	104.331	103.843	103.807	101.135	100.438	98.216	95.116	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	SEASONAL FACTOR	2021	96.398	96.170	96.998	100.804	103.985	103.396	103.198	101.712	101.130	100.760	99.131	96.392	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	UNADJUSTED INDEX	2017	215.958	214.214	216.981	223.065	221.740	219.289	214.804	220.999	239.538	228.845	234.427	228.883	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	UNADJUSTED INDEX	2018	234.172	238.609	239.111	251.377	264.017	265.363	262.084	261.400	262.185	264.774	250.920	231.865	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	UNADJUSTED INDEX	2019	221.025	223.316	237.371	260.494	267.248	256.572	256.453	248.390	247.802	253.672	251.971	246.167	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	UNADJUSTED INDEX	2020	225.144	226.102	237.150	238.342	239.191	239.906	239.694	239.604	240.289	240.128	240.430	240.870	
SS47016	Gasoline, unleaded premium	CUSR0000SS47016	UNADJUSTED INDEX	2021	225.014	226.510	261.300	267.220	276.355	282.261	289.268	292.756	290.377	300.016	307.966	304.193	
SS52051	Parking fees and tolls	CUSR0000SS52051	SEASONALLY ADJUSTED INDEX	2017	224.561	224.761	225.405	225.334	226.159	226.985	228.933	229.664	229.066	228.694	229.103	229.875	
SS52051	Parking fees and tolls	CUSR0000SS52051	SEASONALLY ADJUSTED INDEX	2018	229.509	230.010	230.926	231.495	231.650	232.334	232.420	233.738	233.701	234.167	235.067	235.082	
SS52051	Parking fees and tolls	CUSR0000SS52051	SEASONALLY ADJUSTED INDEX	2019	235.977	236.182	237.150	238.342	239.191	239.906	239.694	239.604	240.289	240.128	240.430	240.870	
SS52051	Parking fees and tolls	CUSR0000SS52051	SEASONALLY ADJUSTED INDEX	2020	241.162	241.501	243.032	239.130	238.717	235.461	234.112	239.613	243.878	242.581	242.576	241.293	
SS52051	Parking fees and tolls	CUSR0000SS52051	SEASONALLY ADJUSTED INDEX	2021	246.383	246.102	245.493	245.456	248.480	249.046	250.682	250.421	250.853	249.862	252.349	253.563	
SS52051	Parking fees and tolls	CUSR0000SS52051	SEASONAL FACTOR	2017	100.152	100.254	100.147	100.025	100.110	99.911	100.015	99.923	99.984	99.778	99.961	99.735	
SS52051	Parking fees and tolls	CUSR0000SS52051	SEASONAL FACTOR	2018	100.182	100.318	100.142	99.977	100.076	99.878	100.011	99.797	100.011	99.824	99.997	99.786	
SS52051	Parking fees and tolls	CUSR0000SS52051	SEASONAL FACTOR	2019	100.225	100.399	100.127	99.950	100.047	99.831	99.993	99.973	100.015	99.778	100.024	99.757	
SS52051	Parking fees and tolls	CUSR0000SS52051	SEASONAL FACTOR	2020	100.260	100.470	100.106	99.938	100.031	99.781	99.992	99.956	100.016	99.921	100.028	99.896	
SS52051	Parking fees and tolls	CUSR0000SS52051	SEASONAL FACTOR	2021	100.290	100.510	100.090	99.933	100.023	99.755	99.991	99.911	100.011	99.952	100.032	99.920	
SS52051	Parking fees and tolls	CUSR0000SS52051	UNADJUSTED INDEX	2017	224.903	225.332	225.737	225.389	226.408	226.762	228.968	229.485	229.029	228.186	229.013	228.179	
SS52051	Parking fees and tolls	CUSR0000SS52051	UNADJUSTED INDEX	2018	229.927	230.742	231.253	231.443	231.845	232.051	232.448	233.264	233.727	233.754	235.060	234.580	
SS52051	Parking fees and tolls	CUSR0000SS52051	UNADJUSTED INDEX	2019	236.509	237.125	237.450	238.223	239.304	239.509	239.978	238.821	240.236	239.837	240.387	240.810	
SS52051	Parking fees and tolls	CUSR0000SS52051	UNADJUSTED INDEX	2020	241.788	242.636	243.289	238.982	238.792	234.946	237.394	238.574	243.917	242.389	242.645	241.017	
SS52051	Parking fees and tolls	CUSR0000SS52051	UNADJUSTED INDEX	2021	247.091	247.259	247.142	245.296	247.719	248.752	250.851	249.197	250.851	249.743	250.851	253.328	
SS5702	Inpatient hospital services	CUSR0000SS5702	SEASONALLY ADJUSTED INDEX	2017	305.027	307.704	308.170	310.270	312.070	312.872	313.807	313.806	314.489	314.687	316.031	317.157	318.273
SS5702	Inpatient hospital services	CUSR0000SS5702	SEASONALLY ADJUSTED INDEX	2018	321.680	321.631	322.378	322.865	323.837	326.064	326.496	325.506	326.076	324.977	325.329	327.341	
SS5702	Inpatient hospital services	CUSR0000SS5702	SEASONALLY ADJUSTED INDEX	2019	326.021	325.756	326.806	326.116	327.620	327.869	329.210	331.384	331.238	335.417	336.917	338.098	
SS5702	Inpatient hospital services	CUSR0000SS5702	SEASONALLY ADJUSTED INDEX	2020	335.949	335.973	336.738	337.963	343.843	343.843	343.843	344.463	344.463	345.116	345.116	345.116	
SS5702	Inpatient hospital services	CUSR0000SS5702	SEASONALLY ADJUSTED INDEX	2021	345.449	346.673	348.057	349.094	349.377	349.937	351.716	355.200	355.387	356.904	356.907	357.529	
SS5702	Inpatient hospital services	CUSR0000SS5702	SEASONAL FACTOR	2017	100.134	100.578	100.382	100.339	100.169	99.941	99.835	99.734	99.719	99.885	99.897	99.897	
SS5702	Inpatient hospital services	CUSR0000SS5702	SEASONAL FACTOR	2018	100.201	100.490	100.339	100.257	100.104	99.925	99.927	99.808	99.790	99.931	99.850	99.518	
SS5702	Inpatient hospital services	CUSR0000SS5702	SEASONAL FACTOR	2019	100.241	100.403	100.309	100.190	100.051	99.902	99.806	99.801	99.896	99.867	99.977	99.935	
SS5702	Inpatient hospital services	CUSR0000SS5702	SEASONAL FACTOR	2020	100.262	100.391	100.289	100.167	100.038	99.850	99.910	99.898	99.910	99.877	99.850	99.835	
SS5702	Inpatient hospital services	CUSR0000SS5702	SEASONAL FACTOR	2021	100.270	100.268	100.269	100.160	100.047	99.805	99.895	99.928	99.944	100.056	99.856	99.539	
SS5702	Inpatient hospital services	CUSR0000SS5702	UNADJUSTED INDEX	2017	306.438	309.514	309.346	311.323	310.801	312.688	313.652	313.802	315.069	316.658	316.744	317.411	
SS5702	Inpatient hospital services	CUSR0000SS5702	UNADJUSTED INDEX	2018	322.327	323.207	324.472	323.694	324.172	325.821	326.077	324.879	325.391	324.754	324.842	325.763	
SS5702	Inpatient hospital services	CUSR0000SS5702	UNADJUSTED INDEX	2019	324.802	327.081	327.814	328.736	327.963	328.963	328.963	330.323	330.788	330.600	330.948	332.028	
SS5702	Inpatient hospital services	CUSR0000SS5702	UNADJUSTED INDEX	2020	340.435	340.068	340.942	342.044	342.649	343.004	343.534	343.123	344.165	343.940	343.942	343.512	
SS5702	Inpatient hospital services	CUSR0000SS5702	UNADJUSTED INDEX	2021	346.381	347.602	348.994	349.651	349.541	349.254	351.345	354.945	355.187	357.105	356.093	355.693	
SS5703	Outpatient hospital services	CUSR0000SS5703	SEASONALLY ADJUSTED INDEX	2017	684.748	692.170	694.491	702.443	704.078	703.733	711.583	711.217	713.589	714.628	714.962	717.171	
SS5703	Outpatient hospital services	CUSR0000SS5703	SEASONALLY ADJUSTED INDEX	2018	729.715	729.715	729.715	729.715	729.715	729.715	729.715	729.715	729.715	729.715	729.715	729.715	
SS5703	Outpatient hospital services	CUSR0000SS5703	SEASONALLY ADJUSTED INDEX	2019	742.197	741.186	741.700	739.059	741.899	740.284	745.119	752.719	751.979	757.174	759.198	761.761	
SS5703	Outpatient hospital services	CUSR0000SS5703	SEASONALLY ADJUSTED INDEX	2020	765.049	767.474	767.898	770.075	768.030	770.156	773.922	776.580	773.048	776.702	779.412	781.671	
SS5703	Outpatient hospital services	CUSR0000SS5703	SEASONALLY ADJUSTED INDEX	2021	780.446	780.860	785.243	784.842	787.684	790.568	792.234	794.911	796.792	799.475	797.434	799.911	
SS5703	Outpatient hospital services	CUSR0000SS5703	SEASONAL FACTOR	2017	100.241	100.403	100.309	100.190	100.051	99.902	99.806	99.801	99.896	99.867	99.977	99.935	
SS5703	Outpatient hospital services	CUSR0000SS5703	SEASONAL FACTOR	2018	100.351	100.473	100.398	100.321	99.967	99.869	99.798	99.814	99.792	100.022	99.791	99.456	
SS5703	Outpatient hospital services	CUSR0000SS5703	SEASONAL FACTOR	2019	100.440	100.480	100.479	100.228	99.860	99.807	99.775	99.864	99.770	100.039	99.795	99.473	
SS5703	Outpatient hospital services	CUSR0000SS5703	SEASONAL FACTOR	2020	100.496	100.467	100.544	100.172	99.789	99.732	99.762	99.894	99.802	100.075	99.802	99.487	
SS5703	Outpatient hospital services	CUSR0000SS5703	SEASONAL FACTOR	2021	100.519	100.519	100.519	100.519	100.519	100.519	100.519	100.519	100.519	100.519	100.519	100.519	
SS5703	Outpatient hospital services	CUSR0000SS5703	UNADJUSTED INDEX	2017	685.331	695.411	696.850	705.346	704.566	707.895	710.216	709.368	714.341	714.561	715.543	714.211	
SS5703	Outpatient hospital services	CUSR0000SS5703	UNADJUSTED INDEX	2018	727.708	729.280	732.618	733.791	734.532	738.403	740.719	736.520	741.341	735.745	741.183	742.921	
SS5703	Outpatient hospital services	CUSR0000SS5703	UNADJUSTED INDEX	2019	745.491	744.747	745.250	740.741	740.861	738.658	743.442	751.694	750.251	757.469	757.640	757.749	
SS5703	Outpatient hospital services	CUSR0000SS5703	UNADJUSTED INDEX	2020	768.849	768.849	768.849	768.849	768.849	768.849	768.849	768.849	768.849	768.849	768.849	768.849	
SS5703	Outpatient hospital services	CUSR0000SS5703	UNADJUSTED INDEX	2021	784.494	784.471	789.733	785.951	785.713	788.007	791.099	794.254	795.813	800.752	795.852	793.985	
SS61011	Toys, games, hobbies and playground equipment	CUSR0000SS61011	SEASONALLY ADJUSTED INDEX	2017	47.739	47.715	46.993	46.449	46.318	46.010	45.301	44.911	44.852	44.929	44.590	43.713	
SS61011	Toys, games, hobbies and playground equipment	CUSR0000SS61011	SEASONALLY ADJUSTED INDEX	2018	42.982	43.270	42.942	42.464	41.619	41.276	41.632	40.719	40.471	39.870	39.688	39.984	

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SA0L1	All items less food	CWSR0000SA0L1	SEASONAL FACTOR	2020	99.636	99.805	99.966	100.147	100.228	100.290	100.276	100.103	100.000	99.781	99.484	
SA0L1	All items less food	CWSR0000SA0L1	SEASONAL FACTOR	2021	99.684	99.800	99.921	100.170	100.301	100.352	100.382	100.129	100.037	99.987	99.757	99.405
SA0L1	All items less shelter	CWSR0000SA0L1	SEASONAL FACTOR	2017	99.475	98.537	98.882	100.243	100.517	100.542	100.602	100.422	100.221	100.010	99.867	98.684
SA0L1	All items less food	CWSR0000SA0L1	UNADJUSTED INDEX	2018	240.113	241.380	241.919	243.114	244.508	244.972	244.831	244.988	245.194	245.763	244.470	243.001
SA0L1	All items less food	CWSR0000SA0L1	UNADJUSTED INDEX	2019	243.197	244.333	246.060	247.879	248.457	248.322	248.851	248.687	248.770	249.401	248.165	248.872
SA0L1	All items less food	CWSR0000SA0L1	UNADJUSTED INDEX	2020	249.717	250.255	249.452	246.508	246.181	247.760	249.774	250.881	251.354	251.324	251.179	251.317
SA0L1	All items less food	CWSR0000SA0L1	UNADJUSTED INDEX	2021	252.577	254.705	258.877	260.154	261.272	264.420	265.823	266.268	268.550	269.280	271.602	271.602
SA0L1E	All items less food and energy	CWSR0000SA0L1E	SEASONALLY ADJUSTED INDEX	2017	242.405	242.875	242.783	243.005	243.242	243.554	243.769	244.309	244.513	245.205	245.602	246.168
SA0L1E	All items less food and energy	CWSR0000SA0L1E	SEASONALLY ADJUSTED INDEX	2018	246.874	247.283	247.766	248.224	248.765	249.072	249.459	249.656	250.094	250.612	251.043	251.376
SA0L1E	All items less food and energy	CWSR0000SA0L1E	SEASONALLY ADJUSTED INDEX	2019	252.010	252.328	252.684	253.198	253.534	254.125	254.728	255.396	255.854	256.282	256.641	256.980
SA0L1E	All items less food and energy	CWSR0000SA0L1E	SEASONALLY ADJUSTED INDEX	2020	257.590	258.200	258.217	257.207	257.009	257.444	258.217	260.530	261.126	261.261	261.736	261.178
SA0L1E	All items less food and energy	CWSR0000SA0L1E	SEASONALLY ADJUSTED INDEX	2021	261.877	262.234	262.989	265.463	267.704	270.342	271.164	271.662	272.316	272.672	273.673	277.367
SA0L1E	All items less food and energy	CWSR0000SA0L1E	SEASONAL FACTOR	2017	99.872	100.068	100.145	100.187	100.159	100.082	99.966	99.969	100.069	100.040	99.866	99.713
SA0L1E	All items less food and energy	CWSR0000SA0L1E	SEASONAL FACTOR	2018	99.852	100.107	100.216	100.184	100.106	100.063	99.978	99.978	99.944	100.020	99.874	99.699
SA0L1E	All items less food and energy	CWSR0000SA0L1E	SEASONAL FACTOR	2019	99.860	100.114	100.200	100.158	100.065	100.057	99.999	99.998	99.950	100.013	99.876	99.719
SA0L1E	All items less food and energy	CWSR0000SA0L1E	SEASONAL FACTOR	2020	99.858	100.095	100.184	100.141	100.058	100.058	100.039	100.029	99.935	99.932	99.866	99.723
SA0L1E	All items less food and energy	CWSR0000SA0L1E	SEASONAL FACTOR	2021	99.873	100.081	100.175	100.139	100.053	100.085	100.109	100.068	99.918	99.962	99.842	99.701
SA0L1E	All items less food and energy	CWSR0000SA0L1E	UNADJUSTED INDEX	2017	242.096	243.041	243.135	243.460	243.628	243.754	243.685	244.234	244.682	245.367	245.273	245.462
SA0L1E	All items less food and energy	CWSR0000SA0L1E	UNADJUSTED INDEX	2018	246.508	247.548	248.301	248.681	249.029	249.229	249.405	249.601	249.954	250.663	250.726	250.619
SA0L1E	All items less food and energy	CWSR0000SA0L1E	UNADJUSTED INDEX	2019	251.657	252.615	253.190	253.599	253.749	254.301	254.726	255.390	255.728	256.315	256.324	256.257
SA0L1E	All items less food and energy	CWSR0000SA0L1E	UNADJUSTED INDEX	2020	257.223	258.445	258.693	257.569	257.159	257.593	259.138	260.606	260.955	261.261	261.384	261.052
SA0L1E	All items less food and energy	CWSR0000SA0L1E	UNADJUSTED INDEX	2021	261.544	262.446	263.450	265.831	267.936	270.573	271.460	271.847	272.092	273.968	275.218	276.538
SA0L2	All items less shelter	CWSR0000SA0L2	SEASONALLY ADJUSTED INDEX	2017	222.325	222.450	222.020	222.664	221.431	221.323	221.261	222.188	222.892	223.649	224.552	224.892
SA0L2	All items less shelter	CWSR0000SA0L2	SEASONALLY ADJUSTED INDEX	2018	225.934	226.666	226.323	226.779	227.379	227.708	227.603	227.972	228.428	229.058	229.228	227.386
SA0L2	All items less shelter	CWSR0000SA0L2	SEASONALLY ADJUSTED INDEX	2019	226.817	227.464	228.749	229.641	229.508	229.006	229.528	229.603	229.777	230.666	231.014	231.538
SA0L2	All items less shelter	CWSR0000SA0L2	SEASONALLY ADJUSTED INDEX	2020	231.571	231.552	230.234	227.131	226.705	226.452	230.347	231.787	232.621	232.624	232.986	234.015
SA0L2	All items less shelter	CWSR0000SA0L2	SEASONALLY ADJUSTED INDEX	2021	234.854	236.407	238.588	240.518	242.963	246.077	247.384	248.409	249.470	252.393	254.769	256.576
SA0L2	All items less shelter	CWSR0000SA0L2	SEASONAL FACTOR	2017	99.474	99.537	99.442	99.562	99.474	99.481	99.402	99.423	100.291	100.271	99.748	99.416
SA0L2	All items less shelter	CWSR0000SA0L2	SEASONAL FACTOR	2018	99.427	99.646	99.829	100.275	100.546	100.566	100.457	100.261	100.129	100.017	99.607	99.204
SA0L2	All items less shelter	CWSR0000SA0L2	SEASONAL FACTOR	2019	99.517	99.715	99.897	100.258	100.513	100.497	100.340	100.236	100.104	100.039	99.649	99.224
SA0L2	All items less shelter	CWSR0000SA0L2	SEASONAL FACTOR	2020	99.572	99.760	99.940	100.199	100.288	100.352	100.431	100.205	100.051	100.032	99.703	99.360
SA0L2	All items less shelter	CWSR0000SA0L2	SEASONAL FACTOR	2021	99.621	99.810	100.000	100.258	100.513	100.497	100.340	100.236	100.104	100.039	99.649	99.224
SA0L2	All items less shelter	CWSR0000SA0L2	UNADJUSTED INDEX	2017	221.157	221.721	221.754	222.604	222.576	222.524	222.640	222.750	224.544	223.671	223.579	223.060
SA0L2	All items less shelter	CWSR0000SA0L2	UNADJUSTED INDEX	2018	224.639	225.863	226.163	227.402	228.620	228.996	228.564	228.758	228.722	229.097	227.332	225.777
SA0L2	All items less shelter	CWSR0000SA0L2	UNADJUSTED INDEX	2019	225.722	226.816	228.514	230.233	230.686	230.145	230.515	230.145	230.015	230.755	230.204	229.742
SA0L2	All items less shelter	CWSR0000SA0L2	UNADJUSTED INDEX	2020	230.579	230.997	230.096	227.584	227.359	229.257	231.32	232.262	232.740	232.969	233.293	233.517
SA0L2	All items less shelter	CWSR0000SA0L2	UNADJUSTED INDEX	2021	233.963	235.819	238.307	241.060	243.867	247.111	248.513	249.078	249.940	250.989	251.934	254.742
SA0L5	All items less medical care	CWSR0000SA0L5	SEASONALLY ADJUSTED INDEX	2017	228.349	228.588	228.394	228.633	228.372	228.454	228.412	229.462	230.971	231.043	231.971	232.415
SA0L5	All items less medical care	CWSR0000SA0L5	SEASONALLY ADJUSTED INDEX	2018	233.395	234.087	234.007	234.571	235.271	235.580	235.299	236.325	236.776	237.457	238.998	236.508
SA0L5	All items less medical care	CWSR0000SA0L5	SEASONALLY ADJUSTED INDEX	2019	236.223	236.970	238.186	239.122	239.153	238.973	239.502	238.585	239.938	240.542	240.938	241.423
SA0L5	All items less medical care	CWSR0000SA0L5	SEASONALLY ADJUSTED INDEX	2020	241.676	241.438	240.841	238.578	238.543	239.114	242.992	244.274	245.962	246.132	261.116	261.902
SA0L5	All items less medical care	CWSR0000SA0L5	SEASONALLY ADJUSTED INDEX	2021	245.236	246.552	248.423	250.173	252.377	255.163	256.461	257.421	258.579	261.108	263.285	264.272
SA0L5	All items less medical care	CWSR0000SA0L5	SEASONAL FACTOR	2017	99.605	99.732	99.898	100.163	100.360	100.404	100.304	100.205	100.229	100.025	99.688	99.405
SA0L5	All items less medical care	CWSR0000SA0L5	SEASONAL FACTOR	2018	99.554	99.707	99.935	100.198	100.401	100.439	100.359	100.216	100.114	100.024	99.705	99.400
SA0L5	All items less medical care	CWSR0000SA0L5	SEASONAL FACTOR	2019	99.621	99.751	99.918	100.378	100.513	100.481	100.378	100.291	100.193	100.095	99.748	99.416
SA0L5	All items less medical care	CWSR0000SA0L5	SEASONAL FACTOR	2020	99.658	99.796	99.946	100.143	100.209	100.275	100.265	100.163	100.055	100.031	99.781	99.519
SA0L5	All items less medical care	CWSR0000SA0L5	SEASONAL FACTOR	2021	99.699	99.790	99.905	100.165	100.277	100.334	100.363	100.213	100.055	100.019	99.758	99.446
SA0L5	All items less medical care	CWSR0000SA0L5	UNADJUSTED INDEX	2017	227.447	227.975	228.161	229.005	229.194	229.377	229.107	229.932	231.501	231.021	231.193	231.033
SA0L5	All items less medical care	CWSR0000SA0L5	UNADJUSTED INDEX	2018	232.351	233.404	233.854	235.036	235.418	235.638	235.638	237.040	238.062	238.062	238.062	238.062
SA0L5	All items less medical care	CWSR0000SA0L5	UNADJUSTED INDEX	2019	235.330	236.406	237.978	239.571	240.959	239.897	240.309	240.047	240.165	240.629	240.307	240.012
SA0L5	All items less medical care	CWSR0000SA0L5	UNADJUSTED INDEX	2020	240.850	241.363	240.711	238.720	238.628	240.147	241.201	242.668	243.126	243.263	243.059	243.364
SA0L5	All items less medical care	CWSR0000SA0L5	UNADJUSTED INDEX	2021	244.499	246.034	248.186	250.587	253.075	256.016	257.391	257.970	258.722	261.157	262.649	263.505
SA0L5	All items less medical care	CWSR0000SA0L5	UNADJUSTED INDEX	2022	244.434	246.324	248.486	250.987	253.481	256.978	259.478	261.974	264.478	267.974	271.478	274.978
SA0L5	All items less energy	CWSR0000SA0L5	SEASONALLY ADJUSTED INDEX	2018	247.253	247.592	248.025	248.498	248.937	249.235	249.617	249.849	250.258	250.650	251.139	251.559
SA0L5	All items less energy	CWSR0000SA0L5	SEASONALLY ADJUSTED INDEX	2019	252.707	252.608	252.992	253.375	253.731	254.255	254.740	255.268	255.722	256.609	256.962	
SA0L5	All items less energy	CWSR0000SA0L5	SEASONALLY ADJUSTED INDEX	2020	257.607	258.247	258.403	258.228	258.406	258.965	260.271	261.403	261.911	262.098	262.498	262.727
SA0L5	All items less energy	CWSR0000SA0L5	SEASONALLY ADJUSTED INDEX	2021	262.823	263.518	264.213	264.908	265.603	266.298	267.000	267.702	268.404	269.106	269.808	270.510
SA0L5	All items less energy	CWSR0000SA0L5	SEASONAL FACTOR	2017	99.903	100.058	100.113	100.165	100.132	100.063	99.978	99.980	100.073	100.057	99.854	99.767
SA0L5	All items less energy	CWSR0000SA0L5	SEASONAL FACTOR	2018	99.882	100.089	100.175	100.165	100.090	100.051	99.991	99.987	99.965	100.039	99.867	99.716
SA0L5	All items less energy	CWSR0000SA0L5	SEASONAL FACTOR	2019	99.885	100.093	100.162	100.146	100.074	100.051	100.012	100.005	99.967	100.031	99.866	99.733
SA0L5	All items less energy	CWSR0000SA0L5	SEASONAL FACTOR	2020	99.878	100.074	100.147	100.132	100.053	100.058	100.050	100.035	99.954	100.010	99.854	99.739
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SAEC	Education and communication commodities	CWSR0000SAEC	SEASONAL FACTOR	2017	99.964	100.040	99.997	100.069	100.029	100.011	100.079	100.090	100.101	99.967	99.902	99.877
SAEC	Education and communication commodities	CWSR0000SAEC	SEASONAL FACTOR	2018	99.937	100.039	99.968	100.053	99.967	100.034	100.119	100.154	100.094	99.958	99.901	99.853
SAEC	Education and communication commodities	CWSR0000SAEC	SEASONAL FACTOR	2019	99.917	99.992	99.962	100.008	99.960	99.925	100.120	100.154	100.154	99.939	99.889	99.882
SAEC	Education and communication commodities	CWSR0000SAEC	SEASONAL FACTOR	2020	99.845	99.928	99.864	99.962	99.927	100.006	100.179	100.259	100.285	100.009	99.977	99.857
SAEC	Education and communication commodities	CWSR0000SAEC	SEASONAL FACTOR	2021	99.839	99.894	99.846	99.942	99.938	99.886	100.105	100.238	100.280	100.031	100.007	99.877
SAEC	Education and communication commodities	CWSR0000SAEC	UNADJUSTED INDEX	2017	80.410	80.345	79.744	79.518	78.839	78.975	79.588	79.124	78.199	78.309	78.164	77.429
SAEC	Education and communication commodities	CWSR0000SAEC	UNADJUSTED INDEX	2018	77.828	77.691	77.598	77.505	77.398	77.587	77.845	76.566	76.708	75.890	75.819	74.880
SAEC	Education and communication commodities	CWSR0000SAEC	UNADJUSTED INDEX	2019	74.548	74.338	74.324	73.950	73.321	72.800	73.753	74.284	73.368	72.729	72.198	71.137
SAEC	Education and communication commodities	CWSR0000SAEC	UNADJUSTED INDEX	2020	70.421	70.921	71.213	71.545	71.215	71.080	70.314	71.106	69.676	69.250	69.388	69.595
SAEC	Education and communication commodities	CWSR0000SAEC	UNADJUSTED INDEX	2021	68.410	68.781	67.350	69.097	69.492	69.490	70.717	70.367	70.639	70.078	69.041	68.581
SAES	Education and communication services	CWSR0000SAES	SEASONAL FACTOR	2017	106.589	106.230	103.546	103.120	103.030	102.823	102.538	102.798	102.798	103.465	103.342	103.504
SAES	Education and communication services	CWSR0000SAES	SEASONAL FACTOR	2018	103.459	103.160	103.177	103.078	103.078	103.178	103.024	103.895	104.013	103.204	103.204	103.274
SAES	Education and communication services	CWSR0000SAES	SEASONALLY ADJUSTED INDEX	2019	103.456	103.573	103.534	103.773	103.827	104.057	104.119	104.221	104.269	104.164	104.922	105.119
SAES	Education and communication services	CWSR0000SAES	SEASONALLY ADJUSTED INDEX	2020	105.485	105.479	105.487	105.673	105.683	105.590	107.234	107.514	107.599	107.019	107.788	107.833
SAES	Education and communication services	CWSR0000SAES	SEASONALLY ADJUSTED INDEX	2021	107.944	108.035	107.876	108.020	108.162	108.309	108.533	108.557	108.856	109.1024	109.107	108.206
SAES	Education and communication services	CWSR0000SAES	SEASONAL FACTOR	2017	108.807	100.015	99.932	99.865	99.833	99.826	99.828	100.051	100.233	100.121	100.142	100.046
SAES	Education and communication services	CWSR0000SAES	SEASONAL FACTOR	2018	100.030	100.026	99.927	99.875	99.849	99.850	99.847	100.023	100.202	100.191	100.124	100.042
SAES	Education and communication services	CWSR0000SAES	SEASONAL FACTOR	2019	100.035	100.038	99.926	99.874	99.853	99.855	99.853	100.020	100.193	100.181	100.116	100.039
SAES	Education and communication services	CWSR0000SAES	SEASONAL FACTOR	2020	100.033	100.046	99.935	99.885	99.871	99.872	99.870	100.013	100.164	100.156	100.102	100.032
SAES	Education and communication services	CWSR0000SAES	UNADJUSTED INDEX	2017	105.520	105.528	105.418	105.551	105.547	105.455	107.095	107.528	107.776	107.887	107.898	107.868
SAES	Education and communication services	CWSR0000SAES	UNADJUSTED INDEX	2018	106.607	106.246	103.465	102.982	102.858	102.644	102.362	102.622	103.038	103.293	103.489	103.552
SAES	Education and communication services	CWSR0000SAES	UNADJUSTED INDEX	2019	103.490	103.187	103.042	102.950	103.223	103.562	103.765	103.919	104.223	104.163	103.332	103.137
SAES	Education and communication services	CWSR0000SAES	UNADJUSTED INDEX	2020	103.492	103.612	103.457	103.642	103.674	103.906	103.966	104.242	104.470	104.665	104.044	103.160
SAES	Education and communication services	CWSR0000SAES	UNADJUSTED INDEX	2021	105.520	105.528	105.418	105.551	105.547	105.455	107.095	107.528	107.776	107.887	107.898	107.868
SAES	Education and communication services	CWSR0000SAES	UNADJUSTED INDEX	2017	107.981	108.088	107.808	107.898	108.031	108.178	108.211	108.568	109.026	109.187	109.217	109.241
SAF	Food and beverages	CWSR0000SAF	SEASONALLY ADJUSTED INDEX	2017	246.938	247.556	248.080	248.301	248.773	248.623	248.021	248.369	249.679	249.876	250.061	250.543
SAF	Food and beverages	CWSR0000SAF	SEASONALLY ADJUSTED INDEX	2018	251.067	251.079	251.267	251.794	251.701	251.971	252.305	252.693	253.015	252.791	253.590	254.434
SAF	Food and beverages	CWSR0000SAF	SEASONALLY ADJUSTED INDEX	2019	255.131	255.964	256.427	256.128	256.600	256.925	256.926	256.926	257.421	257.839	259.249	259.882
SAF	Food and beverages	CWSR0000SAF	SEASONALLY ADJUSTED INDEX	2020	259.524	260.349	261.210	265.117	267.167	268.252	267.286	267.522	267.548	268.048	268.145	268.931
SAF	Food and beverages	CWSR0000SAF	SEASONALLY ADJUSTED INDEX	2021	269.495	269.966	270.437	271.330	272.668	274.561	276.423	277.469	279.894	282.175	284.293	285.500
SAF	Food and beverages	CWSR0000SAF	SEASONAL FACTOR	2017	100.059	100.012	99.958	100.060	99.991	99.964	100.029	100.022	100.085	100.101	99.865	99.800
SAF	Food and beverages	CWSR0000SAF	SEASONAL FACTOR	2018	100.033	100.015	99.932	99.865	99.833	99.826	99.828	100.051	100.233	100.121	100.142	100.046
SAF	Food and beverages	CWSR0000SAF	SEASONAL FACTOR	2019	100.013	99.990	99.972	100.089	100.018	100.015	100.062	100.036	100.045	100.119	99.827	99.815
SAF	Food and beverages	CWSR0000SAF	SEASONAL FACTOR	2020	99.980	99.975	99.972	100.093	100.024	100.054	100.090	100.052	100.040	100.112	99.816	99.823
SAF	Food and beverages	CWSR0000SAF	SEASONAL FACTOR	2021	99.957	99.961	99.964	100.092	100.029	100.067	100.110	100.065	100.045	100.113	99.809	99.822
SAF	Food and beverages	CWSR0000SAF	UNADJUSTED INDEX	2017	247.083	247.585	247.976	248.450	248.511	248.534	248.112	249.417	249.880	250.229	249.723	250.025
SAF	Food and beverages	CWSR0000SAF	UNADJUSTED INDEX	2018	251.169	251.081	251.194	251.984	251.723	251.940	252.408	252.933	253.123	253.012	253.949	254.061
SAF	Food and beverages	CWSR0000SAF	UNADJUSTED INDEX	2019	255.163	255.939	256.356	256.351	256.647	256.634	256.910	257.021	257.456	258.143	257.791	258.208
SAF	Food and beverages	CWSR0000SAF	UNADJUSTED INDEX	2020	259.471	260.285	261.137	265.363	267.232	268.397	267.527	267.661	268.565	268.349	267.651	268.456
SAF	Food and beverages	CWSR0000SAF	UNADJUSTED INDEX	2021	269.378	269.860	270.339	271.580	272.746	274.744	276.724	277.650	280.020	282.495	283.751	285.042
SAF1	Food	CWSR0000SAF1	SEASONALLY ADJUSTED INDEX	2017	246.372	247.482	248.009	248.220	247.894	247.463	248.094	249.286	249.592	249.714	250.061	250.543
SAF1	Food	CWSR0000SAF1	SEASONALLY ADJUSTED INDEX	2018	251.008	250.988	251.163	251.714	251.628	251.877	252.238	252.651	252.925	252.650	253.443	254.324
SAF1	Food	CWSR0000SAF1	SEASONALLY ADJUSTED INDEX	2019	255.050	255.888	256.415	256.124	256.586	256.542	256.635	256.830	257.285	257.810	258.254	258.713
SAF1	Food	CWSR0000SAF1	SEASONALLY ADJUSTED INDEX	2020	259.545	260.344	261.195	265.228	267.268	268.480	267.451	267.679	267.748	268.212	268.621	269.091
SAF1	Food	CWSR0000SAF1	SEASONALLY ADJUSTED INDEX	2021	269.495	269.966	270.437	271.330	272.668	274.561	276.423	277.469	279.894	282.175	284.293	285.500
SAF1	Food	CWSR0000SAF1	SEASONAL FACTOR	2017	100.060	100.006	99.948	100.053	99.991	99.963	100.041	100.031	100.097	100.145	99.852	99.795
SAF1	Food	CWSR0000SAF1	SEASONAL FACTOR	2018	100.040	99.995	99.960	100.069	100.009	99.989	100.054	100.034	100.070	100.133	99.835	99.804
SAF1	Food	CWSR0000SAF1	SEASONAL FACTOR	2019	100.013	99.984	99.964	100.082	100.020	100.016	100.075	100.047	100.054	100.124	99.812	99.810
SAF1	Food	CWSR0000SAF1	SEASONAL FACTOR	2020	99.972	99.960	99.958	100.067	100.027	100.014	100.062	100.049	100.104	100.102	99.816	99.816
SAF1	Food	CWSR0000SAF1	SEASONAL FACTOR	2021	99.955	99.954	99.956	100.087	100.032	100.067	100.120	100.075	100.052	100.120	99.795	99.817
SAF1	Food	CWSR0000SAF1	UNADJUSTED INDEX	2017	246.962	247.498	247.881	248.351	248.701	248.474	249.080	249.377	249.836	250.146	249.585	249.944
SAF1	Food	CWSR0000SAF1	UNADJUSTED INDEX	2018	251.108	250.975	251.062	251.888	251.651	251.843	252.373	252.736	253.025	252.985	253.025	253.826
SAF1	Food	CWSR0000SAF1	UNADJUSTED INDEX	2019	255.082	255.939	256.356	256.351	256.647	256.634	256.910	257.021	257.456	258.143	257.791	258.208
SAF1	Food	CWSR0000SAF1	UNADJUSTED INDEX	2020	259.489	260.284	261.103	265.458	267.366	268.628	267.730	267.845	267.877	268.528	267.683	268.602
SAF1	Food	CWSR0000SAF1	UNADJUSTED INDEX	2021	269.562	270.057	270.535	271.832	273.012	275.036	273.103	278.042	280.510	283.159	284.484	285.820
SAF11	Food at home	CWSR0000SAF11	SEASONALLY ADJUSTED INDEX	2017	236.135	236.890	237.475	237.416	237.500	237.607	237.932	237.972	238.005	238.024	238.111	238.508
SAF11	Food at home	CWSR0000SAF11	SEASONALLY ADJUSTED INDEX	2018	238.807	238.436	238.418	238.689	238.689	238.689	239.071	239.071	239.071	239.071	239.071	239.071
SAF11	Food at home	CWSR0000SAF11	SEASONALLY ADJUSTED INDEX	2019	240.577	241.313	241.845	240.807	241.171	240.577	240.346	240.293	240.580	241.145	241.662	241.244
SAF11	Food at home	CWSR0000SAF11	SEASONALLY ADJUSTED INDEX	2020	242.502	243.435	244.515	250.678	253.348	254.411	251.774	251.586	250.555	250.838	250.650	251.366
SAF11	Food at home	CWSR0000SAF11	SEASONALLY ADJUSTED INDEX	2021	251.645	252.330	252.892	253.868	254.943	256.750	258.340	259.226	260.424	264.813	267.227	268.260
SAF11	Food at home	CWSR0000SAF11	SEASONAL FACTOR	2017	100.100	100.011	99.915	100.088	100.285	99.939	100.068	100.052	100.163	100.242	99.753	99.657
SAF11	Food at home	CWSR0000SAF11	SEASONAL FACTOR	2018	100.060	99.990	99.990	100.194	100.093	100.093	100.093	100.093	100.123	100.123	99.691	99.691
SAF11	Food at home	CWSR0000SAF11	SEASONAL FACTOR	2019	100.022	99.972	99.937	100.144	100.035	100.027	100.132	100.082	100.094	100.218	99.	

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SAF113	Fruits and vegetables	CWSR0000SAF113	UNADJUSTED INDEX	2018	298.993	295.564	291.069	293.896	294.258	292.711	295.006	295.001	295.576	295.695	294.107	295.570
SAF113	Fruits and vegetables	CWSR0000SAF113	SEASONAL FACTOR	2019	301.920	301.889	302.542	300.959	299.622	296.075	297.029	296.308	295.235	296.264	295.000	296.056
SAF113	Fruits and vegetables	CWSR0000SAF113	SEASONALLY ADJUSTED INDEX	2019	299.238	297.789	301.466	100.298	299.427	293.948	305.038	305.409	305.620	301.224	304.291	304.058
SAF113	Fruits and vegetables	CWSR0000SAF113	UNADJUSTED INDEX	2021	307.582	307.426	308.474	312.534	313.263	312.916	310.861	311.565	313.241	315.040	315.878	319.073
SAF113	Fresh fr ts and vegetables	CWSR0000SAF1131	SEASONALLY ADJUSTED INDEX	2017	327.912	332.099	336.709	343.238	342.355	341.807	341.966	341.839	342.552	343.732	343.126	342.566
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	SEASONALLY ADJUSTED INDEX	2018	344.381	342.894	340.065	340.988	341.351	342.635	345.480	344.796	344.551	341.355	344.255	344.092
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	SEASONALLY ADJUSTED INDEX	2019	349.313	351.421	351.987	350.680	351.367	350.072	346.224	345.787	343.849	349.249	342.459	342.454
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	SEASONALLY ADJUSTED INDEX	2020	344.977	344.794	346.137	348.533	350.808	352.201	353.338	354.797	353.354	353.355	353.652	351.228
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	SEASONALLY ADJUSTED INDEX	2021	352.994	355.454	358.412	360.053	360.925	363.996	360.650	362.175	364.842	363.577	368.166	369.771
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	SEASONAL FACTOR	2017	101.624	100.472	99.403	99.756	100.025	98.901	99.110	99.173	99.853	101.054	100.177	100.306
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	SEASONAL FACTOR	2018	101.415	100.323	99.468	100.033	100.130	99.078	99.319	99.324	99.675	100.956	99.934	100.112
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	SEASONAL FACTOR	2019	101.121	100.219	99.588	100.447	100.357	99.434	99.518	99.499	99.416	100.138	99.631	100.122
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	SEASONAL FACTOR	2020	101.963	100.181	99.619	100.569	100.470	99.526	99.489	99.400	99.397	100.701	99.613	100.060
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	UNADJUSTED INDEX	2021	333.226	333.665	334.698	342.399	342.441	338.051	338.924	339.012	342.949	347.354	344.126	343.613
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	UNADJUSTED INDEX	2018	349.253	344.002	338.257	341.102	341.795	339.475	343.128	342.465	343.432	344.620	344.029	349.831
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	UNADJUSTED INDEX	2019	354.085	352.289	352.779	351.179	348.236	342.612	344.432	343.697	342.208	348.433	343.319	342.966
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	UNADJUSTED INDEX	2020	348.698	345.525	344.640	350.091	352.061	350.206	351.635	352.699	351.290	356.287	352.347	351.621
SAF1131	Fresh fr ts and vegetables	CWSR0000SAF1131	UNADJUSTED INDEX	2021	356.395	358.097	357.048	362.100	362.621	362.272	358.806	360.002	362.642	366.126	366.740	369.992
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	SEASONALLY ADJUSTED INDEX	2017	165.683	167.503	167.267	167.204	168.582	167.374	167.106	167.010	167.212	167.020	166.845	166.432
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	SEASONALLY ADJUSTED INDEX	2018	166.401	166.047	166.241	166.336	166.452	166.770	167.104	167.505	168.161	169.111	169.601	169.285
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	SEASONALLY ADJUSTED INDEX	2019	170.344	170.869	170.661	170.215	171.933	170.633	170.672	170.482	170.674	170.486	171.675	170.835
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	SEASONALLY ADJUSTED INDEX	2020	171.096	171.443	173.088	178.795	179.137	179.900	179.278	179.328	177.931	178.094	177.396	178.611
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	SEASONALLY ADJUSTED INDEX	2021	178.765	178.816	178.815	179.394	178.910	180.360	181.558	183.046	184.852	186.125	186.755	187.980
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	SEASONAL FACTOR	2017	100.598	100.926	100.556	100.338	99.625	99.631	99.590	99.657	99.909	100.226	99.434	99.412
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	SEASONAL FACTOR	2018	100.621	100.966	100.658	100.304	99.606	99.665	99.529	99.656	99.956	100.216	99.368	99.406
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	SEASONAL FACTOR	2019	100.651	100.961	100.759	100.279	99.561	99.671	99.464	99.669	99.992	100.227	99.308	99.449
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	SEASONALLY ADJUSTED INDEX	2020	105.121	100.245	99.489	100.260	100.250	99.288	99.482	99.397	99.523	100.243	99.730	99.538
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	SEASONAL FACTOR	2021	100.693	100.939	100.838	100.257	99.463	99.613	99.376	99.727	100.027	100.252	99.262	99.690
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	UNADJUSTED INDEX	2017	166.673	169.054	168.196	167.769	167.950	166.756	166.421	166.437	167.060	167.397	165.901	165.454
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	UNADJUSTED INDEX	2018	167.435	167.650	167.336	166.842	165.796	166.211	166.307	166.929	167.483	169.476	167.933	168.279
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	UNADJUSTED INDEX	2019	165.152	165.403	165.403	165.403	165.403	165.403	165.403	165.403	165.403	165.403	165.403	165.403
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	UNADJUSTED INDEX	2020	172.258	173.094	174.495	179.257	178.292	179.258	178.218	178.777	177.973	178.529	176.107	177.773
SAF114	Nonalcoholic beverages and beverage materials	CWSR0000SAF114	UNADJUSTED INDEX	2021	180.004	180.494	180.314	179.856	177.932	179.662	180.426	182.547	184.902	186.594	185.380	187.232
SAF115	Other food at home	CWSR0000SAF115	SEASONALLY ADJUSTED INDEX	2017	208.308	207.592	208.572	208.482	208.943	208.379	208.531	208.500	208.752	208.234	208.930	208.775
SAF115	Other food at home	CWSR0000SAF115	SEASONALLY ADJUSTED INDEX	2018	209.144	208.760	208.514	208.542	208.591	208.688	208.581	209.212	209.205	209.000	209.226	209.226
SAF115	Other food at home	CWSR0000SAF115	SEASONALLY ADJUSTED INDEX	2019	205.488	209.901	210.106	209.166	209.279	210.506	209.950	209.987	210.353	209.782	209.963	209.963
SAF115	Other food at home	CWSR0000SAF115	SEASONALLY ADJUSTED INDEX	2020	210.564	212.027	213.380	217.478	217.960	217.951	217.606	217.970	217.091	217.270	217.218	219.330
SAF115	Other food at home	CWSR0000SAF115	SEASONALLY ADJUSTED INDEX	2021	217.886	218.089	218.280	218.545	218.903	219.206	220.498	221.271	224.310	226.923	229.964	230.887
SAF115	Other food at home	CWSR0000SAF115	SEASONAL FACTOR	2017	99.631	99.984	100.026	100.342	100.169	100.180	100.331	100.040	100.072	99.916	99.648	99.652
SAF115	Other food at home	CWSR0000SAF115	SEASONAL FACTOR	2018	99.627	100.000	100.041	100.349	100.139	100.168	100.328	100.084	100.055	99.877	99.664	98.608
SAF115	Other food at home	CWSR0000SAF115	SEASONAL FACTOR	2019	99.600	100.019	100.036	100.337	100.101	100.136	100.340	100.152	100.057	99.936	99.650	99.675
SAF115	Other food at home	CWSR0000SAF115	SEASONAL FACTOR	2020	99.549	100.041	100.033	100.316	100.052	100.125	100.364	100.221	100.075	99.994	99.630	99.682
SAF115	Other food at home	CWSR0000SAF115	SEASONAL FACTOR	2021	99.502	100.046	100.024	100.293	100.053	100.125	100.382	100.273	100.086	99.961	99.586	99.692
SAF115	Other food at home	CWSR0000SAF115	UNADJUSTED INDEX	2017	208.531	207.592	208.572	208.482	208.943	208.379	208.531	208.500	208.752	208.234	208.930	208.775
SAF115	Other food at home	CWSR0000SAF115	UNADJUSTED INDEX	2018	208.363	208.759	208.698	209.242	208.832	208.924	209.369	208.757	209.328	208.949	209.205	209.500
SAF115	Other food at home	CWSR0000SAF115	UNADJUSTED INDEX	2019	208.877	209.942	210.181	209.860	209.491	210.792	209.760	209.872	210.237	210.519	210.049	209.297
SAF115	Other food at home	CWSR0000SAF115	UNADJUSTED INDEX	2020	209.614	212.113	213.450	218.166	218.074	218.233	218.938	218.451	217.253	217.642	216.294	217.437
SAF115	Other food at home	CWSR0000SAF115	UNADJUSTED INDEX	2021	212.801	214.802	215.186	218.332	219.186	218.563	219.178	224.503	225.161	230.171	230.171	230.171
SAF116	Alcoholic beverages	CWSR0000SAF116	SEASONALLY ADJUSTED INDEX	2017	247.930	247.781	248.258	248.640	248.569	248.574	249.067	249.421	250.095	250.242	250.839	250.955
SAF116	Alcoholic beverages	CWSR0000SAF116	SEASONALLY ADJUSTED INDEX	2018	251.048	251.591	251.989	252.108	251.913	252.523	252.421	252.397	253.655	254.126	255.005	255.240
SAF116	Alcoholic beverages	CWSR0000SAF116	SEASONALLY ADJUSTED INDEX	2019	255.457	256.215	256.627	255.111	255.819	256.458	257.671	257.524	257.252	257.254	256.469	257.225
SAF116	Alcoholic beverages	CWSR0000SAF116	SEASONALLY ADJUSTED INDEX	2020	255.152	255.403	255.403	255.403	255.403	255.403	255.403	255.403	255.403	255.403	255.403	255.403
SAF116	Alcoholic beverages	CWSR0000SAF116	SEASONALLY ADJUSTED INDEX	2021	265.259	265.281	265.703	265.748	267.257	268.587	269.660	270.235	270.839	270.168	270.098	271.018
SAF116	Alcoholic beverages	CWSR0000SAF116	SEASONAL FACTOR	2017	100.036	100.102	100.122	100.187	100.001	99.974	99.825	99.852	99.864	100.073	100.074	99.891
SAF116	Alcoholic beverages	CWSR0000SAF116	SEASONAL FACTOR	2018	100.034	100.102	100.123	100.189	100.001	99.973	99.826	99.855	99.867	100.076	100.078	99.894
SAF116	Alcoholic beverages	CWSR0000SAF116	SEASONAL FACTOR	2019	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
SAF116	Alcoholic beverages	CWSR0000SAF116	SEASONAL FACTOR	2020	99.997	100.082	100.100	100.196	99.979	100.035	99.840	99.879	99.915	100.021	100.054	99.905
SAF116	Alcoholic beverages	CWSR0000SAF116	SEASONAL FACTOR	2021	99.983	100.076	100.095	100.194	99.973	100.055	99.842	99.890	99.927	100.000	100.059	99.910
SAF116	Alcoholic beverages	CWSR0000SAF116	UNADJUSTED INDEX	2017	248.019	248.034	248.560	249.106	248.572	248.510	248.630	249.053	249.755	250.609	251.025	250.925
SAF116	Alcoholic beverages	CWSR0000SAF116	UNADJUSTED INDEX	2018	251.133	251.847	252.239	252.583	251.914	252.456	251.981	252.030	253.318	254.320	255.204	254.968
SAF116	Alcoholic beverages	CWSR0000SAF116	UNADJUSTED INDEX	2019												

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SAH21	Household energy	CWSR0000SAH21	SEASONALLY ADJUSTED INDEX	2019	199.643	198.446	199.122	198.605	198.075	197.527	197.805	197.544	196.997	198.089	198.197	198.472
SAH21	Household energy	CWSR0000SAH21	SEASONALLY ADJUSTED INDEX	2020	198.627	197.779	196.856	196.129	195.885	196.617	196.562	196.635	196.998	198.117	200.730	202.213
SAH21	Household energy	CWSR0000SAH21	SEASONALLY ADJUSTED INDEX	2021	202.145	201.468	201.981	204.616	224.934	224.817	215.366	218.074	226.760	228.738	231.774	234.774
SAH21	Household energy	CWSR0000SAH21	SEASONAL FACTOR	2017	99.459	99.398	98.871	98.517	99.460	102.218	102.233	101.969	101.582	99.271	98.449	98.528
SAH21	Household energy	CWSR0000SAH21	SEASONAL FACTOR	2018	99.540	99.501	99.045	98.641	99.506	101.922	101.937	101.660	101.319	99.435	98.685	98.707
SAH21	Household energy	CWSR0000SAH21	SEASONAL FACTOR	2019	99.678	99.621	99.151	98.803	99.465	101.641	101.718	101.409	101.106	99.631	98.981	98.804
SAH21	Household energy	CWSR0000SAH21	SEASONAL FACTOR	2020	99.704	99.687	99.172	98.914	99.032	101.415	101.567	101.237	100.978	99.435	98.703	98.733
SAH21	Household energy	CWSR0000SAH21	SEASONAL FACTOR	2021	99.694	99.730	99.170	99.025	99.442	101.218	101.729	101.016	100.794	99.916	98.468	99.391
SAH21	Household energy	CWSR0000SAH21	UNADJUSTED INDEX	2017	192.107	193.264	192.074	193.019	195.970	201.992	202.076	201.665	201.114	195.749	194.959	195.823
SAH21	Household energy	CWSR0000SAH21	UNADJUSTED INDEX	2018	196.625	198.924	197.486	196.254	198.671	202.628	202.017	202.734	204.048	197.555	196.576	196.631
SAH21	Household energy	CWSR0000SAH21	UNADJUSTED INDEX	2019	199.039	197.693	197.431	196.228	197.016	200.768	201.204	200.327	199.176	197.359	196.178	196.258
SAH21	Household energy	CWSR0000SAH21	UNADJUSTED INDEX	2020	198.039	197.160	195.227	194.007	194.772	199.459	199.561	199.067	200.947	199.172	200.338	200.338
SAH21	Household energy	CWSR0000SAH21	UNADJUSTED INDEX	2021	201.523	203.800	204.280	206.052	206.634	213.818	215.641	217.575	219.805	222.357	222.985	223.202
SAH3	Household furnishings and operations	CWSR0000SAH3	SEASONALLY ADJUSTED INDEX	2017	116.091	115.981	116.048	115.963	115.666	115.427	115.049	115.328	114.980	114.924	114.967	115.072
SAH3	Household furnishings and operations	CWSR0000SAH3	SEASONALLY ADJUSTED INDEX	2018	115.264	115.526	115.709	116.388	115.674	115.769	115.945	116.136	116.364	116.670	116.935	117.221
SAH3	Household furnishings and operations	CWSR0000SAH3	SEASONALLY ADJUSTED INDEX	2019	117.642	117.791	117.942	117.914	117.671	118.022	118.176	118.070	118.463	118.747	118.278	118.081
SAH3	Household furnishings and operations	CWSR0000SAH3	SEASONALLY ADJUSTED INDEX	2020	118.316	118.633	118.653	119.288	119.711	120.114	120.574	121.803	121.540	120.786	122.322	122.040
SAH3	Household furnishings and operations	CWSR0000SAH3	SEASONALLY ADJUSTED INDEX	2021	121.337	121.317	122.019	122.904	124.479	124.448	124.482	125.713	127.043	128.425	129.541	130.990
SAH3	Household furnishings and operations	CWSR0000SAH3	SEASONAL FACTOR	2017	100.203	100.283	100.288	100.203	100.183	100.226	100.017	99.677	99.800	100.086	99.507	99.531
SAH3	Household furnishings and operations	CWSR0000SAH3	SEASONAL FACTOR	2018	100.181	100.278	100.224	100.100	100.156	100.257	100.130	99.709	99.822	100.131	99.534	99.532
SAH3	Household furnishings and operations	CWSR0000SAH3	SEASONAL FACTOR	2019	100.144	100.245	100.126	100.096	100.137	100.299	100.087	99.744	99.845	100.190	99.564	99.552
SAH3	Household furnishings and operations	CWSR0000SAH3	SEASONAL FACTOR	2020	100.104	100.193	100.022	100.042	100.120	100.356	100.230	99.762	99.885	100.234	99.593	99.577
SAH3	Household furnishings and operations	CWSR0000SAH3	SEASONAL FACTOR	2021	100.067	100.141	99.937	100.011	100.110	100.390	100.260	99.780	99.906	100.261	99.610	99.604
SAH3	Household furnishings and operations	CWSR0000SAH3	UNADJUSTED INDEX	2017	116.327	116.309	116.383	116.198	115.977	115.988	115.131	114.956	114.750	115.023	114.400	114.532
SAH3	Household furnishings and operations	CWSR0000SAH3	UNADJUSTED INDEX	2018	115.472	115.847	115.969	116.562	116.155	116.067	116.096	115.820	116.156	116.823	116.390	116.672
SAH3	Household furnishings and operations	CWSR0000SAH3	UNADJUSTED INDEX	2019	117.811	118.080	118.091	117.710	117.772	118.374	118.397	117.768	118.280	118.392	117.727	117.552
SAH3	Household furnishings and operations	CWSR0000SAH3	UNADJUSTED INDEX	2020	118.439	118.862	118.679	119.338	119.854	120.542	120.851	121.513	121.400	120.669	121.734	121.524
SAH3	Household furnishings and operations	CWSR0000SAH3	UNADJUSTED INDEX	2021	121.415	121.947	121.967	122.944	124.044	124.977	124.805	125.437	126.040	126.583	126.934	127.040
SAH31	Household furnishings and supplies	CWSR0000SAH31	SEASONALLY ADJUSTED INDEX	2017	91.610	91.512	91.520	91.396	91.102	90.947	90.570	90.359	90.263	90.238	90.320	90.320
SAH31	Household furnishings and supplies	CWSR0000SAH31	SEASONALLY ADJUSTED INDEX	2018	90.372	90.402	90.488	91.088	90.683	90.520	90.639	90.783	90.888	91.176	91.388	91.417
SAH31	Household furnishings and supplies	CWSR0000SAH31	SEASONALLY ADJUSTED INDEX	2019	91.759	91.943	92.001	91.669	91.724	91.761	91.870	91.742	91.993	91.732	91.833	91.720
SAH31	Household furnishings and supplies	CWSR0000SAH31	SEASONALLY ADJUSTED INDEX	2020	91.899	92.185	92.167	92.514	91.889	92.072	91.867	91.854	91.478	91.567	91.524	91.524
SAH31	Household furnishings and supplies	CWSR0000SAH31	SEASONALLY ADJUSTED INDEX	2021	94.068	94.022	94.520	95.327	96.294	96.390	96.451	97.404	98.526	99.649	100.461	101.652
SAH31	Household furnishings and supplies	CWSR0000SAH31	SEASONAL FACTOR	2017	100.207	100.321	100.362	100.273	100.235	100.203	100.105	99.590	99.800	100.113	99.489	99.452
SAH31	Household furnishings and supplies	CWSR0000SAH31	SEASONAL FACTOR	2018	100.184	100.306	100.318	100.219	100.206	100.228	100.061	99.615	99.831	100.165	99.514	99.462
SAH31	Household furnishings and supplies	CWSR0000SAH31	SEASONAL FACTOR	2019	100.152	100.263	100.238	100.158	100.180	100.266	100.106	99.644	99.856	100.095	99.593	99.492
SAH31	Household furnishings and supplies	CWSR0000SAH31	SEASONAL FACTOR	2020	100.114	100.213	100.148	100.072	100.160	100.317	100.136	99.847	99.810	99.576	99.562	99.562
SAH31	Household furnishings and supplies	CWSR0000SAH31	SEASONAL FACTOR	2021	100.081	100.165	100.071	100.048	100.148	100.349	100.158	99.669	99.925	100.318	99.582	99.569
SAH31	Household furnishings and supplies	CWSR0000SAH31	UNADJUSTED INDEX	2017	91.800	91.806	91.851	91.646	91.316	91.132	90.583	90.385	90.218	90.365	90.777	90.825
SAH31	Household furnishings and supplies	CWSR0000SAH31	UNADJUSTED INDEX	2018	90.539	90.678	90.775	91.287	90.870	90.726	90.634	90.734	91.326	90.943	90.925	90.925
SAH31	Household furnishings and supplies	CWSR0000SAH31	UNADJUSTED INDEX	2019	91.899	92.185	92.167	92.514	91.889	92.072	91.867	91.854	91.478	91.567	91.524	91.524
SAH31	Household furnishings and supplies	CWSR0000SAH31	UNADJUSTED INDEX	2020	91.997	92.315	92.146	92.700	91.778	93.767	93.994	94.525	94.383	94.088	94.670	94.321
SAH31	Household furnishings and supplies	CWSR0000SAH31	UNADJUSTED INDEX	2021	94.144	94.177	94.587	95.372	96.347	96.726	96.603	97.082	98.452	99.960	100.041	101.214
SAM	Medical care	CWSR0000SAM	SEASONALLY ADJUSTED INDEX	2017	475.842	477.727	478.338	477.610	477.484	478.943	480.805	481.839	481.507	481.976	482.089	483.058
SAM	Medical care	CWSR0000SAM	SEASONALLY ADJUSTED INDEX	2018	484.947	487.017	487.813	487.481	487.481	488.944	490.345	488.968	489.243	489.243	490.594	492.594
SAM	Medical care	CWSR0000SAM	SEASONALLY ADJUSTED INDEX	2019	494.108	494.393	495.694	497.102	499.086	500.316	502.537	505.903	507.525	512.659	514.704	517.317
SAM	Medical care	CWSR0000SAM	SEASONALLY ADJUSTED INDEX	2020	518.493	519.656	521.806	524.176	526.886	529.058	531.057	531.907	531.900	529.548	528.861	528.136
SAM	Medical care	CWSR0000SAM	SEASONALLY ADJUSTED INDEX	2021	529.808	530.657	531.296	531.675	531.059	530.374	531.262	532.208	532.852	535.911	537.512	539.434
SAM	Medical care	CWSR0000SAM	SEASONAL FACTOR	2017	100.061	100.061	100.061	100.061	100.061	100.061	100.061	99.952	99.952	99.952	99.952	99.952
SAM	Medical care	CWSR0000SAM	SEASONAL FACTOR	2018	100.066	100.304	100.201	100.071	100.076	99.968	99.968	99.992	99.854	99.880	99.853	99.754
SAM	Medical care	CWSR0000SAM	SEASONAL FACTOR	2019	100.064	100.268	100.202	100.077	100.048	99.976	100.028	100.041	99.851	99.870	99.833	99.759
SAM	Medical care	CWSR0000SAM	SEASONAL FACTOR	2020	100.060	100.248	100.203	100.068	100.040	99.976	100.005	100.074	99.893	99.868	99.825	99.796
SAM	Medical care	CWSR0000SAM	SEASONAL FACTOR	2021	100.051	100.217	100.147	100.017	100.017	100.017	100.017	99.952	99.893	99.841	99.785	99.785
SAM	Medical care	CWSR0000SAM	UNADJUSTED INDEX	2017	476.148	478.287	478.285	478.133	478.000	478.772	480.574	481.530	480.807	481.377	481.486	481.900
SAM	Medical care	CWSR0000SAM	UNADJUSTED INDEX	2018	485.166	486.790	487.797	487.927	488.686	489.799	488.914	487.864	488.530	489.163	490.909	491.376
SAM	Medical care	CWSR0000SAM	UNADJUSTED INDEX	2019	494.426	495.718	496.695	497.485	499.328	500.198	502.666	506.108	506.767	511.994	513.659	516.071
SAM	Medical care	CWSR0000SAM	UNADJUSTED INDEX	2020	518.803	520.243	521.886	524.356	526.886	529.058	531.057	531.907	531.900	529.548	528.861	528.136
SAM	Medical care	CWSR0000SAM	UNADJUSTED INDEX	2021	530.123	531.917	532.342	531.979	531.256	530.252	531.631	532.705	531.981	535.167	536.599	538.111
SAM2	Medical care services	CWSR0000SAM2	SEASONALLY ADJUSTED INDEX	2017	510.207	512.229	512.888	513.168	512.816	513.800	514.683	515.696	516.659	517.628	517.222	518.055
SAM2	Medical care services	CWSR0000SAM2	SEASONALLY ADJUSTED INDEX	2018	520.140	520.367	522.481	523.793	523.760	525.482	525.612	526.670	527.046	527.046	527.931	531.344
SAM2	Medical care services	CWSR0000SAM2	SEASONALLY ADJUSTED INDEX	2019	532.850	533.927	535.232	536.487	539.278	541.414	542.628	547.774	550.896	556.379	558.910	561.066
SAM2	Medical care services	CWSR0000SAM2	SEASONALLY ADJUSTED INDEX	2020	563.114	563.637	567.804	570.072	574.164	577.553	580.347	581.520	582.576	583.578	584.578	585.578
SAM2	Medical care services	CWSR0000SAM2	SEASONALLY ADJUSTED INDEX	2021	580.4											

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SANL13	Nondurables less food and apparel	CWSR0000SANL13	SEASONAL FACTOR	2020	98.707	98.550	98.604	100.615	101.994	101.350	101.488	100.653	100.294	100.038	99.644	98.145
SANL13	Nondurables less food and apparel	CWSR0000SANL13	SEASONAL FACTOR	2021	98.681	98.582	98.669	100.529	101.866	101.354	101.595	100.652	100.215	100.029	99.536	98.284
SANL13	Nondurables less food and apparel	CWSR0000SANL13	UNADJUSTED INDEX	2017	242.485	240.204	241.135	243.162	243.162	240.543	244.045	244.045	254.146	254.146	248.280	248.280
SANL13	Nondurables less food and apparel	CWSR0000SANL13	UNADJUSTED INDEX	2018	252.579	254.443	254.083	261.204	268.222	268.732	266.703	266.143	266.590	267.660	258.534	246.658
SANL13	Nondurables less food and apparel	CWSR0000SANL13	UNADJUSTED INDEX	2019	242.008	244.876	254.449	265.836	268.862	262.379	263.008	259.076	257.700	260.092	258.840	257.273
SANL13	Nondurables less food and apparel	CWSR0000SANL13	UNADJUSTED INDEX	2020	257.025	253.380	246.177	231.457	231.237	238.783	243.085	243.355	243.540	242.037	240.161	242.778
SANL13	Nondurables less food and apparel	CWSR0000SANL13	UNADJUSTED INDEX	2021	249.792	256.190	257.106	238.989	235.249	237.991	251.839	262.344	300.620	300.243	292.949	290.541
SAR	Recreation	CWSR0000SAR	SEASONALLY ADJUSTED INDEX	2017	113.037	113.611	113.701	113.863	114.031	114.084	114.321	114.377	114.501	114.501	114.634	114.874
SAR	Recreation	CWSR0000SAR	SEASONALLY ADJUSTED INDEX	2018	114.262	114.388	114.303	114.052	113.981	114.152	114.337	114.189	114.356	114.245	114.473	114.888
SAR	Recreation	CWSR0000SAR	SEASONALLY ADJUSTED INDEX	2019	115.286	115.028	115.202	115.254	114.946	114.991	114.917	115.202	115.206	115.206	115.206	115.206
SAR	Recreation	CWSR0000SAR	SEASONALLY ADJUSTED INDEX	2020	116.758	116.576	116.618	116.398	117.361	116.456	116.315	116.977	116.905	117.182	117.668	117.838
SAR	Recreation	CWSR0000SAR	SEASONALLY ADJUSTED INDEX	2021	116.764	117.466	117.975	118.924	119.350	121.94	120.570	120.530	120.530	120.530	121.021	121.214
SAR	Recreation	CWSR0000SAR	SEASONAL FACTOR	2017	99.833	100.193	100.347	100.253	100.182	100.134	100.024	99.932	99.920	99.796	99.795	99.688
SAR	Recreation	CWSR0000SAR	SEASONAL FACTOR	2018	99.845	100.211	100.308	100.178	100.109	100.053	99.995	99.965	99.984	99.859	99.840	99.779
SAR	Recreation	CWSR0000SAR	SEASONAL FACTOR	2019	99.857	100.203	100.254	100.115	100.041	99.984	99.987	99.989	100.022	99.933	99.889	99.899
SAR	Recreation	CWSR0000SAR	SEASONAL FACTOR	2020	99.908	100.155	100.159	100.070	100.025	99.995	99.990	100.013	100.036	99.981	99.891	99.839
SAR	Recreation	CWSR0000SAR	SEASONAL FACTOR	2021	99.890	100.118	100.126	100.050	100.013	100.003	100.013	100.039	100.059	100.002	99.906	99.823
SAR	Recreation	CWSR0000SAR	UNADJUSTED INDEX	2017	112.848	113.830	114.095	114.151	114.238	114.237	114.338	114.299	114.438	114.203	113.950	114.117
SAR	Recreation	CWSR0000SAR	UNADJUSTED INDEX	2018	114.085	114.629	114.655	114.259	114.105	114.212	114.331	114.149	114.338	114.084	114.290	114.634
SAR	Recreation	CWSR0000SAR	UNADJUSTED INDEX	2019	115.121	115.028	115.095	115.127	114.918	114.973	114.902	115.189	115.231	115.847	116.121	116.211
SAR	Recreation	CWSR0000SAR	UNADJUSTED INDEX	2020	116.650	116.757	116.803	116.480	117.390	116.450	116.303	116.962	116.947	117.107	117.540	117.210
SAR	Recreation	CWSR0000SAR	UNADJUSTED INDEX	2021	116.636	117.605	118.124	118.984	119.366	119.545	120.210	120.617	120.601	121.258	121.088	121.000
SARC	Recreation commodities	CWSR0000SARC	SEASONALLY ADJUSTED INDEX	2017	83.627	83.616	83.394	83.218	82.985	82.819	82.621	82.403	82.029	81.904	81.701	80.899
SARC	Recreation commodities	CWSR0000SARC	SEASONALLY ADJUSTED INDEX	2018	80.732	80.689	80.843	80.869	80.941	79.746	79.958	79.593	79.198	78.942	78.773	78.385
SARC	Recreation commodities	CWSR0000SARC	SEASONALLY ADJUSTED INDEX	2019	79.390	79.160	79.917	78.725	78.697	78.747	78.681	78.541	78.653	78.899	78.940	78.586
SARC	Recreation commodities	CWSR0000SARC	SEASONALLY ADJUSTED INDEX	2020	78.671	78.626	77.971	77.308	77.054	76.976	77.452	78.003	77.701	77.647	77.896	77.751
SARC	Recreation commodities	CWSR0000SARC	SEASONALLY ADJUSTED INDEX	2021	78.028	78.451	78.295	79.071	79.485	79.314	79.867	80.169	79.939	80.175	80.474	80.447
SARC	Recreation commodities	CWSR0000SARC	SEASONAL FACTOR	2017	100.002	100.045	100.045	100.045	100.045	100.045	100.045	100.045	100.045	100.045	100.045	100.045
SARC	Recreation commodities	CWSR0000SARC	SEASONAL FACTOR	2018	100.010	100.187	100.121	100.071	100.082	100.089	99.960	100.018	100.053	100.043	99.803	99.622
SARC	Recreation commodities	CWSR0000SARC	SEASONAL FACTOR	2019	100.024	100.177	100.113	100.060	100.053	100.029	99.940	100.000	100.066	100.056	99.856	99.686
SARC	Recreation commodities	CWSR0000SARC	SEASONAL FACTOR	2020	100.038	100.192	100.121	100.084	100.064	99.997	99.888	99.982	100.076	100.061	99.863	99.686
SARC	Recreation commodities	CWSR0000SARC	SEASONAL FACTOR	2021	100.022	100.177	100.113	100.060	100.053	100.029	99.940	100.000	100.066	100.056	99.856	99.686
SARC	Recreation commodities	CWSR0000SARC	UNADJUSTED INDEX	2017	83.646	83.787	83.513	83.304	83.081	82.924	82.952	82.404	82.041	81.909	81.112	80.572
SARC	Recreation commodities	CWSR0000SARC	UNADJUSTED INDEX	2018	80.740	80.840	80.941	80.746	80.107	79.817	79.829	79.607	79.240	78.978	78.718	79.085
SARC	Recreation commodities	CWSR0000SARC	UNADJUSTED INDEX	2019	79.409	79.300	79.005	78.772	78.739	78.770	78.634	78.541	78.905	78.743	78.826	78.789
SARC	Recreation commodities	CWSR0000SARC	UNADJUSTED INDEX	2020	78.701	78.777	78.066	77.733	77.103	76.974	77.405	77.989	77.860	77.694	77.789	77.722
SARC	Recreation commodities	CWSR0000SARC	UNADJUSTED INDEX	2021	78.045	78.996	79.377	79.150	79.533	79.307	79.778	79.174	80.020	80.076	80.189	80.189
SARS	Recreation services	CWSR0000SARS	SEASONALLY ADJUSTED INDEX	2017	117.709	118.619	118.918	119.300	119.730	119.933	120.447	120.950	121.155	121.143	121.179	121.293
SARS	Recreation services	CWSR0000SARS	SEASONALLY ADJUSTED INDEX	2018	121.733	121.975	121.709	121.402	121.836	122.338	122.490	122.942	123.155	123.167	123.598	123.862
SARS	Recreation services	CWSR0000SARS	SEASONALLY ADJUSTED INDEX	2019	124.518	124.276	124.760	125.002	124.519	124.553	124.485	125.067	124.984	125.963	126.454	127.002
SARS	Recreation services	CWSR0000SARS	SEASONALLY ADJUSTED INDEX	2020	127.156	127.238	128.009	128.314	130.322	128.610	127.968	128.032	128.708	129.028	129.408	129.686
SARS	Recreation services	CWSR0000SARS	SEASONALLY ADJUSTED INDEX	2021	128.212	129.032	130.116	130.998	131.386	132.866	132.459	132.818	132.988	134.043	133.635	133.687
SARS	Recreation services	CWSR0000SARS	SEASONAL FACTOR	2017	99.736	100.185	100.451	100.327	100.212	100.137	100.060	99.989	99.875	99.694	99.809	99.733
SARS	Recreation services	CWSR0000SARS	SEASONAL FACTOR	2018	99.755	100.223	100.410	100.236	100.124	100.033	100.010	99.938	99.949	99.763	99.880	99.861
SARS	Recreation services	CWSR0000SARS	SEASONAL FACTOR	2019	99.770	100.216	100.116	100.039	100.016	100.005	99.984	99.998	99.998	99.998	99.998	99.998
SARS	Recreation services	CWSR0000SARS	SEASONAL FACTOR	2020	99.824	100.131	100.182	100.061	100.001	99.994	100.055	100.033	100.009	99.930	99.910	99.917
SARS	Recreation services	CWSR0000SARS	SEASONAL FACTOR	2021	99.806	100.084	100.140	100.027	99.984	100.011	100.003	100.059	100.032	99.963	99.924	99.944
SARS	Recreation services	CWSR0000SARS	UNADJUSTED INDEX	2017	117.398	118.839	119.454	119.986	120.097	120.519	120.827	121.003	122.772	120.947	120.967	120.969
SARS	Recreation services	CWSR0000SARS	UNADJUSTED INDEX	2018	121.431	121.975	122.142	122.268	122.402	122.502	122.466	123.077	123.077	123.077	123.077	123.077
SARS	Recreation services	CWSR0000SARS	UNADJUSTED INDEX	2019	124.225	124.544	125.170	125.184	124.562	124.505	124.499	125.047	124.981	125.729	126.134	126.915
SARS	Recreation services	CWSR0000SARS	UNADJUSTED INDEX	2020	127.293	127.405	128.242	128.392	130.323	128.761	128.039	128.664	128.720	129.000	129.637	130.341
SARS	Recreation services	CWSR0000SARS	UNADJUSTED INDEX	2021	127.963	129.141	130.298	131.033	131.317	131.880	132.582	132.896	133.032	133.998	133.733	133.572
SAS	Services	CWSR0000SAS	SEASONALLY ADJUSTED INDEX	2017	289.904	289.411	289.481	290.481	290.481	290.481	290.481	290.481	290.481	290.481	290.481	290.481
SAS	Services	CWSR0000SAS	SEASONALLY ADJUSTED INDEX	2018	306.579	307.455	308.042	308.628	309.500	310.059	310.626	311.250	311.748	312.494	313.041	314.063
SAS	Services	CWSR0000SAS	SEASONALLY ADJUSTED INDEX	2019	314.611	315.047	315.813	316.580	317.060	317.896	318.592	319.373	320.170	321.132	321.876	322.537
SAS	Services	CWSR0000SAS	SEASONALLY ADJUSTED INDEX	2020	323.560	324.289	324.419	325.504	323.380	324.182	326.155	326.701	326.957	327.180	327.965	328.729
SAS	Services	CWSR0000SAS	SEASONALLY ADJUSTED INDEX	2021	328.522	329.187	329.549	329.549	329.549	329.549	329.549	329.549	329.549	329.549	329.549	329.549
SAS	Services	CWSR0000SAS	SEASONAL FACTOR	2017	99.921	100.006	99.972	99.928	100.000	100.206	100.100	100.128	100.076	99.928	99.869	99.799
SAS	Services	CWSR0000SAS	SEASONAL FACTOR	2018	99.915	100.020	99.997	99.949	100.020	100.184	100.144	100.109	100.053	99.945	99.879	99.802
SAS	Services	CWSR0000SAS	SEASONAL FACTOR	2019	99.918	100.022	99.999	99.955	100.011	100.158	100.144	100.101	100.041	99.960	99.905	99.823
SAS	Services	CWSR0000SAS	SEASONAL FACTOR	2020	99.909	100.002	99.978	99.950	99.991	100.132	100.145	100.097	100.034	99.980	99.936	99.849
SAS	Services	CWSR0000SAS	SEASONAL FACTOR	2021	99.919	100.006	99.996	99.960	99.990	100.140	100.153	100.109	100.047	99.998	99.946	99.865
SAS	Services	CWSR0000SAS	UNADJUSTED INDEX	2017	298.670	299.758	299.398	299.829	300.822	302.107	302.474	303.260	304.372	304.037	304.393	305.191
SAS	Services	CWSR0000SAS	UNADJUSTED INDEX	2018	306.317	307.517										

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SASL2RS	Services less rent of shelter	CWSR0000SASL2RS	UNADJUSTED INDEX	2021	308.326	309.885	310.919	312.654	314.257	316.089	316.917	317.111	317.154	319.076	319.741	320.303
SASL5	Services less medical care services	CWSR0000SASL5	SEASONALLY ADJUSTED INDEX	2017	284.496	285.334	285.121	285.803	286.480	287.157	287.672	288.470	289.165	289.834	290.510	291.272
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2017	291.909	292.941	293.983	293.921	294.438	295.159	295.744	296.154	296.781	297.240	297.845	298.063
SASL5	Services less medical care services	CWSR0000SASL5	SEASONALLY ADJUSTED INDEX	2019	299.624	300.191	301.047	301.934	302.220	302.851	303.393	303.861	304.592	305.173	305.739	306.132
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2020	307.175	308.001	308.089	307.084	306.650	307.157	307.407	309.524	309.828	310.120	310.861	311.184
SASL5	Services less medical care services	CWSR0000SASL5	SEASONALLY ADJUSTED INDEX	2021	311.450	312.428	313.667	315.371	316.700	317.854	318.836	319.473	320.515	322.095	323.127	324.094
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2017	299.953	299.953	299.953	299.953	299.953	299.953	299.953	299.953	299.953	299.953	299.953	299.953
SASL5	Services less medical care services	CWSR0000SASL5	SEASONAL FACTOR	2018	99.965	100.007	99.945	99.853	99.969	100.180	100.138	100.144	100.170	99.962	99.903	99.906
SASL5	Services less medical care services	CWSR0000SASL5	SEASONAL FACTOR	2019	99.967	99.996	99.938	99.856	99.937	100.151	100.138	100.127	100.060	99.996	99.961	99.935
SASL5	Services less medical care services	CWSR0000SASL5	SEASONAL FACTOR	2020	99.958	99.977	99.914	99.840	99.915	100.136	100.106	100.125	100.054	100.019	100.015	99.962
SASL5	Services less medical care services	CWSR0000SASL5	SEASONAL FACTOR	2021	99.930	99.944	99.882	99.838	99.909	100.144	100.181	100.111	100.043	100.038	100.045	99.973
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2017	284.360	285.201	286.322	285.393	286.456	287.803	288.143	288.918	289.402	290.146	290.846	291.875
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2018	291.808	292.969	293.423	293.849	295.017	296.083	296.653	297.208	297.458	297.816	298.054	298.783
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2019	299.526	300.179	300.800	301.498	302.031	303.307	303.812	304.248	304.775	305.160	305.619	305.933
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2020	307.045	307.929	307.825	306.593	306.390	307.575	309.530	309.910	309.996	310.179	310.907	311.067
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2021	311.251	312.254	313.297	314.850	314.613	316.313	319.412	319.828	320.651	322.217	323.277	324.007
SASL5	Services less medical care services	CWSR0000SASL5	SEASONALLY ADJUSTED INDEX	2017	310.088	310.874	310.594	311.023	311.704	312.384	312.927	313.936	314.667	315.595	316.238	317.191
SASL5	Services less medical care services	CWSR0000SASL5	SEASONALLY ADJUSTED INDEX	2018	318.247	318.938	319.648	320.367	321.256	321.997	322.700	323.269	324.062	324.760	325.364	326.108
SASL5	Services less medical care services	CWSR0000SASL5	SEASONALLY ADJUSTED INDEX	2019	326.872	327.531	328.315	329.239	329.840	330.807	331.554	332.452	333.401	334.344	335.150	335.877
SASL5	Services less medical care services	CWSR0000SASL5	SEASONALLY ADJUSTED INDEX	2020	336.981	337.857	338.040	337.048	336.520	337.753	339.960	340.572	340.609	340.804	341.498	341.781
SASL5	Services less medical care services	CWSR0000SASL5	SEASONALLY ADJUSTED INDEX	2021	342.043	342.874	343.935	345.306	346.516	347.738	348.655	349.200	350.007	350.735	352.819	354.010
SASL5	Services less medical care services	CWSR0000SASL5	SEASONAL FACTOR	2017	99.968	100.062	100.067	100.043	100.052	100.040	99.968	99.969	99.949	99.978	99.984	99.982
SASL5	Services less medical care services	CWSR0000SASL5	SEASONAL FACTOR	2018	99.953	100.067	100.074	100.048	100.057	100.050	100.006	99.984	99.954	99.978	99.969	99.904
SASL5	Services less medical care services	CWSR0000SASL5	SEASONAL FACTOR	2019	99.947	100.058	100.085	100.039	100.048	100.048	100.027	99.998	99.960	99.980	99.973	99.979
SASL5	Services less medical care services	CWSR0000SASL5	SEASONAL FACTOR	2020	99.932	100.029	100.036	100.019	100.026	100.042	100.050	100.016	99.966	99.988	99.986	99.903
SASL5	Services less medical care services	CWSR0000SASL5	SEASONAL FACTOR	2021	99.943	100.021	100.026	100.009	100.026	100.062	100.010	100.036	99.966	99.978	99.977	99.888
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2017	309.990	311.068	310.802	311.158	311.865	312.510	312.889	313.839	314.506	315.274	316.187	316.881
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2018	318.990	319.914	319.682	319.914	320.114	320.715	321.220	321.730	322.218	322.912	323.541	324.007
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2019	325.699	327.722	328.530	329.368	329.967	330.965	331.642	332.447	333.266	334.328	335.061	335.812
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2020	336.752	337.956	338.162	337.111	337.006	337.894	340.131	341.626	340.493	340.764	341.449	341.560
SASL5	Services less medical care services	CWSR0000SASL5	UNADJUSTED INDEX	2021	341.849	342.947	344.023	345.338	346.505	347.953	349.008	349.329	349.887	351.425	352.737	353.614
SAT	Transportation	CWSR0000SAT	SEASONALLY ADJUSTED INDEX	2017	208.187	209.449	208.070	208.617	210.294	211.179	210.792	212.173	212.960	214.577	217.126	207.048
SAT	Transportation	CWSR0000SAT	SEASONALLY ADJUSTED INDEX	2018	208.187	209.449	208.070	208.617	210.294	211.179	210.792	212.173	212.960	214.577	217.126	207.048
SAT	Transportation	CWSR0000SAT	SEASONALLY ADJUSTED INDEX	2019	208.187	209.449	208.070	208.617	210.294	211.179	210.792	212.173	212.960	214.577	217.126	207.048
SAT	Transportation	CWSR0000SAT	SEASONALLY ADJUSTED INDEX	2020	208.187	209.449	208.070	208.617	210.294	211.179	210.792	212.173	212.960	214.577	217.126	207.048
SAT	Transportation	CWSR0000SAT	SEASONALLY ADJUSTED INDEX	2021	208.187	209.449	208.070	208.617	210.294	211.179	210.792	212.173	212.960	214.577	217.126	207.048
SAT	Transportation	CWSR0000SAT	SEASONAL FACTOR	2018	98.289	98.479	98.537	100.892	101.921	101.780	101.641	100.799	99.870	99.638	99.130	98.233
SAT	Transportation	CWSR0000SAT	SEASONAL FACTOR	2019	98.525	98.632	98.430	100.862	101.881	101.621	101.556	100.715	99.827	99.705	99.240	98.202
SAT	Transportation	CWSR0000SAT	SEASONAL FACTOR	2020	98.613	98.697	98.587	100.768	101.292	101.265	101.307	100.675	99.667	99.628	99.362	98.489
SAT	Transportation	CWSR0000SAT	SEASONAL FACTOR	2021	98.749	98.671	98.409	100.824	101.474	101.458	101.632	100.938	99.732	99.648	99.346	98.344
SAT	Transportation	CWSR0000SAT	UNADJUSTED INDEX	2017	197.763	197.287	198.359	200.876	203.603	199.469	197.795	199.574	201.344	201.393	203.009	201.998
SAT	Transportation	CWSR0000SAT	UNADJUSTED INDEX	2018	204.624	206.657	207.106	210.477	214.333	214.938	214.251	213.868	212.684	213.801	209.488	203.389
SAT	Transportation	CWSR0000SAT	UNADJUSTED INDEX	2019	201.167	202.983	208.256	214.271	215.479	212.711	213.245	210.822	208.881	209.985	207.087	207.894
SAT	Transportation	CWSR0000SAT	UNADJUSTED INDEX	2020	207.510	209.164	209.016	209.214	209.022	209.174	209.022	209.174	209.022	209.174	209.022	209.174
SAT	Transportation	CWSR0000SAT	UNADJUSTED INDEX	2021	205.979	209.811	217.517	224.757	232.283	241.166	243.716	242.770	240.614	245.569	250.371	251.357
SAT1	Private transportation	CWSR0000SAT1	SEASONALLY ADJUSTED INDEX	2017	197.145	196.299	195.739	195.243	192.854	192.174	190.968	194.283	199.993	198.990	201.643	202.182
SAT1	Private transportation	CWSR0000SAT1	SEASONALLY ADJUSTED INDEX	2018	204.710	206.393	204.536	205.120	206.925	207.878	207.462	208.854	209.693	211.280	208.078	203.668
SAT1	Private transportation	CWSR0000SAT1	SEASONALLY ADJUSTED INDEX	2019	200.700	201.191	201.191	201.191	201.191	201.191	201.191	201.191	201.191	201.191	201.191	201.191
SAT1	Private transportation	CWSR0000SAT1	SEASONALLY ADJUSTED INDEX	2020	206.987	205.788	200.933	188.272	185.195	189.853	195.417	199.278	201.802	201.725	201.316	203.341
SAT1	Private transportation	CWSR0000SAT1	SEASONALLY ADJUSTED INDEX	2021	206.619	210.920	217.181	229.906	226.657	235.804	238.048	239.558	240.579	245.949	251.600	255.276
SAT1	Private transportation	CWSR0000SAT1	SEASONAL FACTOR	2017	98.435	98.517	99.339	100.808	101.856	101.636	101.564	100.923	100.497	99.592	98.911	98.236
SAT1	Private transportation	CWSR0000SAT1	SEASONAL FACTOR	2018	98.312	98.404	98.404	98.404	98.404	98.404	98.404	98.404	98.404	98.404	98.404	98.404
SAT1	Private transportation	CWSR0000SAT1	SEASONAL FACTOR	2019	98.553	98.587	99.440	100.856	101.818	101.565	101.608	100.831	99.862	99.657	99.152	98.211
SAT1	Private transportation	CWSR0000SAT1	SEASONAL FACTOR	2020	98.656	98.672	99.625	100.786	101.227	101.202	101.376	100.779	99.688	98.569	99.245	98.474
SAT1	Private transportation	CWSR0000SAT1	SEASONAL FACTOR	2021	98.787	98.677	99.476	100.867	101.449	101.310	101.622	100.925	99.754	99.610	99.221	98.267
SAT1	Private transportation	CWSR0000SAT1	UNADJUSTED INDEX	2017	194.053	194.053	194.053	194.053	194.053	194.053	194.053	194.053	194.053	194.053	194.053	194.053
SAT1	Private transportation	CWSR0000SAT1	UNADJUSTED INDEX	2018	201.250	203.130	203.568	206.892	210.730	211.443	211.013	210.794	209.533	210.640	208.138	201.207
SAT1	Private transportation	CWSR0000SAT1	UNADJUSTED INDEX	2019	197.822	199.460	204.854	210.873	211.792	209.001	209.976	209.499	205.449	206.473	205.481	201.687
SAT1	Private transportation	CWSR0000SAT1	UNADJUSTED INDEX	2020	204.205	203.056	200.180	189.752	187.467	192.135	198.106	200.830	201.172	200.855	199.796	201.213
SAT1	Private transportation	CWSR0000SAT1	UNADJUSTED INDEX	2021	204.113	208.129	216.044	222.821	229.942	238.941	241.909	241.773	239.988	244.989	249.600	250.851
SAT1	Private transportation	CWSR0000SAT1	SEASONALLY ADJUSTED INDEX	2017	103.562	103.357	103.270	102.949	103.333	103.439	103.676	103.916	103.717	103.644	104.163	104.184
SAT1	Private transportation	CWSR0000SAT1	SEASONALLY ADJUSTED INDEX	2018	104.510	104.169	103.978	104.112	104.086	104.385	104.534	105.008	104.631	104.048	103.983	103.981
SAT1	Private transportation	CWS														

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SEAB	Boys' apparel	CWSR0000SEAB	SEASONAL FACTOR	2017	100.696	100.070	99.286	100.692	100.925	99.688	96.446	96.849	100.916	100.617	99.049
SEAB	Boys' apparel	CWSR0000SEAB	SEASONAL FACTOR	2018	100.848	100.277	99.926	100.309	100.444	99.135	96.023	97.254	101.306	103.706	101.496
SEAB	Boys' apparel	CWSR0000SEAB	SEASONAL FACTOR	2019	100.977	100.244	104.470	109.284	106.234	98.387	95.861	97.563	101.418	103.324	99.981
SEAB	Boys' apparel	CWSR0000SEAB	SEASONAL FACTOR	2020	101.176	100.203	100.935	99.704	99.711	98.359	95.954	97.763	101.353	103.245	101.546
SEAB	Boys' apparel	CWSR0000SEAB	SEASONAL FACTOR	2021	101.306	100.127	101.091	99.479	99.467	96.161	96.077	97.930	101.320	103.245	101.595
SEAB	Boys' apparel	CWSR0000SEAB	UNADJUSTED INDEX	2017	99.350	99.682	99.569	100.519	99.895	95.254	95.103	104.660	104.561	102.858	99.723
SEAB	Boys' apparel	CWSR0000SEAB	UNADJUSTED INDEX	2018	102.572	104.328	102.878	109.999	97.754	103.980	98.308	98.320	106.910	105.905	107.353
SEAB	Boys' apparel	CWSR0000SEAB	UNADJUSTED INDEX	2019	111.091	112.630	106.571	104.587	104.479	103.399	101.073	104.680	112.589	111.866	100.006
SEAB	Boys' apparel	CWSR0000SEAB	UNADJUSTED INDEX	2020	98.604	99.091	101.108	96.613	92.828	95.461	97.248	96.931	97.398	98.366	97.237
SEAB	Boys' apparel	CWSR0000SEAB	UNADJUSTED INDEX	2021	100.259	98.934	104.123	103.052	102.155	101.779	101.273	99.733	102.690	105.376	106.437
SEAC	Women's apparel	CWSR0000SEAC	SEASONALLY ADJUSTED INDEX	2017	112.200	113.981	116.074	114.886	112.106	113.306	113.601	113.024	112.202	113.035	111.927
SEAC	Women's apparel	CWSR0000SEAC	SEASONALLY ADJUSTED INDEX	2018	112.505	114.064	113.142	114.491	114.226	113.076	111.505	109.567	111.562	109.623	108.547
SEAC	Women's apparel	CWSR0000SEAC	SEASONALLY ADJUSTED INDEX	2019	108.840	107.509	107.556	108.323	108.086	107.737	108.155	108.439	107.132	104.610	105.437
SEAC	Women's apparel	CWSR0000SEAC	SEASONALLY ADJUSTED INDEX	2020	103.916	104.240	103.407	98.111	94.779	95.460	95.914	96.143	96.957	96.806	96.205
SEAC	Women's apparel	CWSR0000SEAC	SEASONALLY ADJUSTED INDEX	2021	96.730	97.723	97.371	97.604	96.842	98.971	100.105	99.578	97.449	99.215	100.336
SEAC	Women's apparel	CWSR0000SEAC	SEASONAL FACTOR	2017	95.728	95.391	102.022	103.491	101.516	99.416	95.931	97.356	102.596	104.174	95.843
SEAC	Women's apparel	CWSR0000SEAC	SEASONAL FACTOR	2018	96.203	100.074	102.928	103.121	101.251	99.228	96.070	98.119	102.614	103.929	100.022
SEAC	Women's apparel	CWSR0000SEAC	SEASONAL FACTOR	2019	96.857	100.767	102.863	102.571	100.969	99.088	96.117	98.249	102.657	103.697	97.706
SEAC	Women's apparel	CWSR0000SEAC	SEASONAL FACTOR	2020	97.439	101.278	102.784	102.104	100.561	98.922	96.217	98.389	102.646	103.439	99.609
SEAC	Women's apparel	CWSR0000SEAC	UNADJUSTED INDEX	2021	101.254	105.072	106.286	100.175	95.406	94.431	92.286	94.594	99.523	100.135	95.829
SEAC	Women's apparel	CWSR0000SEAC	UNADJUSTED INDEX	2017	108.364	113.290	119.582	118.875	114.662	112.644	108.978	110.714	115.115	117.754	110.410
SEAC	Women's apparel	CWSR0000SEAC	UNADJUSTED INDEX	2018	108.235	114.148	116.456	117.033	115.655	112.203	107.123	107.506	114.478	114.883	109.647
SEAC	Women's apparel	CWSR0000SEAC	UNADJUSTED INDEX	2019	105.419	108.334	110.635	111.108	109.133	106.733	103.956	106.540	109.978	108.477	105.201
SEAC	Women's apparel	CWSR0000SEAC	UNADJUSTED INDEX	2020	92.156	95.688	103.479	105.838	100.948	98.818	96.783	97.803	111.520	109.746	101.702
SEAC	Women's apparel	CWSR0000SEAC	UNADJUSTED INDEX	2021	94.686	99.284	100.098	99.276	98.891	98.705	96.395	98.015	100.011	102.491	99.924
SEAC01	Women's underwear	CWSR0000SEAC01	SEASONALLY ADJUSTED INDEX	2017	104.865	114.476	119.900	117.260	114.531	111.769	112.142	111.551	110.058	109.982	108.038
SEAC01	Women's underwear	CWSR0000SEAC01	SEASONALLY ADJUSTED INDEX	2018	98.284	99.855	102.151	106.801	103.267	103.213	103.302	100.635	107.673	101.649	102.181
SEAC01	Women's underwear	CWSR0000SEAC01	SEASONALLY ADJUSTED INDEX	2019	104.977	104.964	106.241	106.244	106.244	106.244	106.244	106.244	106.244	106.244	106.244
SEAC01	Women's underwear	CWSR0000SEAC01	SEASONALLY ADJUSTED INDEX	2020	95.752	97.109	98.255	91.080	88.008	87.830	88.506	95.858	90.830	91.459	90.876
SEAC01	Women's underwear	CWSR0000SEAC01	SEASONALLY ADJUSTED INDEX	2021	92.659	94.660	93.429	92.917	96.068	97.253	96.062	97.007	97.054	98.156	98.029
SEAC01	Women's underwear	CWSR0000SEAC01	SEASONAL FACTOR	2017	97.803	98.069	98.823	99.725	97.832	94.768	92.749	98.807	102.248	110.035	95.831
SEAC01	Women's underwear	CWSR0000SEAC01	SEASONAL FACTOR	2018	97.192	101.192	101.192	101.192	101.192	101.192	101.192	101.192	101.192	101.192	101.192
SEAC01	Women's underwear	CWSR0000SEAC01	SEASONAL FACTOR	2019	96.759	99.646	96.561	98.267	97.448	96.488	94.341	99.246	106.650	109.160	104.797
SEAC01	Women's underwear	CWSR0000SEAC01	SEASONAL FACTOR	2020	96.642	100.429	99.421	97.533	97.094	96.944	94.697	95.945	106.476	109.099	104.386
SEAC01	Women's underwear	CWSR0000SEAC01	SEASONAL FACTOR	2021	96.585	101.068	99.464	96.949	96.763	97.094	94.704	99.482	106.483	109.107	104.099
SEAC01	Women's underwear	CWSR0000SEAC01	UNADJUSTED INDEX	2017	102.561	112.265	116.687	116.337	112.048	105.321	104.010	110.220	118.038	121.019	119.973
SEAC01	Women's underwear	CWSR0000SEAC01	UNADJUSTED INDEX	2018	95.195	96.688	103.479	105.838	100.948	98.818	96.783	97.803	111.520	109.746	101.702
SEAC01	Women's underwear	CWSR0000SEAC01	UNADJUSTED INDEX	2019	101.575	103.177	103.712	104.383	103.523	105.514	102.944	105.014	109.137	109.514	104.767
SEAC01	Women's underwear	CWSR0000SEAC01	UNADJUSTED INDEX	2020	92.356	97.526	97.686	88.833	85.451	85.146	83.812	89.369	96.712	98.780	94.862
SEAC01	Women's underwear	CWSR0000SEAC01	UNADJUSTED INDEX	2021	89.495	95.671	92.928	90.628	92.568	94.427	91.486	96.505	103.346	107.095	102.047
SEAC02	Women's dresses	CWSR0000SEAC02	SEASONALLY ADJUSTED INDEX	2017	116.075	105.012	88.042	148.874	81.604	81.378	71.253	71.280	82.942	84.045	112.960
SEAC02	Women's dresses	CWSR0000SEAC02	SEASONALLY ADJUSTED INDEX	2018	118.119	123.124	126.887	123.744	122.477	119.844	122.008	121.672	123.604	114.478	114.253
SEAC02	Women's dresses	CWSR0000SEAC02	SEASONALLY ADJUSTED INDEX	2019	112.033	113.715	110.039	109.776	111.998	110.970	111.595	107.504	106.416	106.212	104.529
SEAC02	Women's dresses	CWSR0000SEAC02	SEASONALLY ADJUSTED INDEX	2020	102.125	102.890	97.270	90.242	82.579	82.090	84.876	88.188	88.024	88.072	88.831
SEAC02	Women's dresses	CWSR0000SEAC02	SEASONALLY ADJUSTED INDEX	2021	96.585	96.688	97.689	90.866	90.661	90.617	92.206	96.485	97.217	97.501	97.778
SEAC02	Women's dresses	CWSR0000SEAC02	SEASONAL FACTOR	2017	91.384	99.126	108.330	107.728	102.061	98.305	90.422	95.507	104.888	102.001	102.826
SEAC02	Women's dresses	CWSR0000SEAC02	SEASONAL FACTOR	2018	92.437	99.805	108.323	106.661	101.494	97.784	90.242	95.739	104.766	105.904	106.044
SEAC02	Women's dresses	CWSR0000SEAC02	SEASONAL FACTOR	2019	93.710	100.428	108.114	105.525	103.632	97.006	89.938	95.305	104.920	106.147	101.777
SEAC02	Women's dresses	CWSR0000SEAC02	SEASONAL FACTOR	2020	92.688	93.717	97.689	90.866	90.661	90.617	92.206	96.485	97.217	97.501	97.778
SEAC02	Women's dresses	CWSR0000SEAC02	SEASONAL FACTOR	2021	95.300	100.805	107.495	103.531	99.046	95.908	89.870	96.265	105.056	107.625	105.058
SEAC02	Women's dresses	CWSR0000SEAC02	UNADJUSTED INDEX	2017	106.083	114.939	129.347	128.079	119.762	117.217	109.911	111.118	118.732	120.832	116.354
SEAC02	Women's dresses	CWSR0000SEAC02	UNADJUSTED INDEX	2018	110.308	121.287	130.926	131.987	124.307	117.188	109.171	116.487	129.495	125.436	115.512
SEAC02	Women's dresses	CWSR0000SEAC02	UNADJUSTED INDEX	2019	104.988	114.922	119.988	118.841	112.258	109.546	100.362	103.134	111.653	109.746	105.759
SEAC02	Women's dresses	CWSR0000SEAC02	UNADJUSTED INDEX	2020	95.698	103.628	104.802	94.225	82.756	79.109	75.614	84.801	92.393	93.713	90.278
SEAC02	Women's dresses	CWSR0000SEAC02	UNADJUSTED INDEX	2021	86.268	88.017	94.261	94.166	91.180	91.621	91.288	94.510	101.358	103.563	96.660
SEAC03	Women's suits and separates	CWSR0000SEAC03	SEASONALLY ADJUSTED INDEX	2017	81.482	82.525	83.048	82.056	80.000	81.131	80.987	81.105	80.730	77.773	79.499
SEAC03	Women's suits and separates	CWSR0000SEAC03	SEASONALLY ADJUSTED INDEX	2018	80.454	80.821	81.564	80.821	81.564	80.821	81.564	80.821	81.564	80.821	81.564
SEAC03	Women's suits and separates	CWSR0000SEAC03	SEASONALLY ADJUSTED INDEX	2019	78.008	77.515	75.588	76.419	75.684	74.838	73.178	77.726	76.085	72.474	73.931
SEAC03	Women's suits and separates	CWSR0000SEAC03	SEASONALLY ADJUSTED INDEX	2020	73.012	73.161	71.977	68.729	67.316	67.495	67.811	67.969	68.849	68.328	66.568
SEAC03	Women's suits and separates	CWSR0000SEAC03	SEASONALLY ADJUSTED INDEX	2021	68.910	70.661	66.629	67.831	68.091	68.692	68.712	68.211	66.137	67.692	69.001
SEAC03	Women's suits and separates	CWSR0000SEAC03	SEASONAL FACTOR	2017	95.819	99.378	103.605	103.434	102.006	100.305	96.130	97.751	102.740	109.051	99.933
SEAC03	Women's suits and separates	CWSR0000SEAC03	SEASONAL FACTOR	2018	95.159	96.688	103.479	105.838	100.948	98.818	96.783	97.803	111.520	109.746	101.702
SEAC03	Women's suits and separates	CWSR0000SEAC03	SEASONAL FACTOR	2019	96.381	100.062	103.371	102.943	101.743	100.358	96.494	97.832	102.589	103.751	99.477
SEAC03	Women's suits and separates	CWSR0000SEAC03	SEASONAL FACTOR	2020	96.651	100.440	103.261	102.708	101.186	100.383	96.629	97.876	102.596	103.627	99.203
SEAC03	Women's suits and separates	CWSR0000SEAC03	SEASONAL FACTOR	2021	96.974	100.773	103.082	102.487	101.576	100.390	96.709	97.919	102.631	104.070	99.952
SEAC03	Women's suits and separates	CWSR0000SEAC03	UNADJUSTED INDEX	2017	82.072	84.018	84.874	81.604	81.378	71.253	71.280	82.942	84.045	112.960	72.591
SEAC03	Women's suits and separates	CWSR0000SEAC03	UNADJUSTED INDEX	2018	76.984	82.067	83.250	83.419	83.209	81.402	76.275	74.493			

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SEAE03	Women's footwear	CWSR0000SEAE03	UNADJUSTED INDEX	2018	124.479	129.831	134.134	132.456	131.257	129.733	126.805	125.029	127.107	129.260	126.620	124.034
SEAE03	Women's footwear	CWSR0000SEAE03	UNADJUSTED INDEX	2019	124.762	127.499	127.563	127.876	127.038	127.722	125.875	127.819	130.139	129.943	127.935	125.437
SEAE03	Women's footwear	CWSR0000SEAE03	UNADJUSTED INDEX	2020	127.195	128.060	128.911	129.584	119.749	119.594	120.506	124.037	124.437	125.426	127.265	122.686
SEAE03	Women's footwear	CWSR0000SEAE03	UNADJUSTED INDEX	2021	122.416	125.032	126.903	126.126	126.820	126.293	126.372	129.888	130.611	131.086	130.378	130.480
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	SEASONALLY ADJUSTED INDEX	2017	117.505	118.598	116.717	118.470	116.783	116.839	117.945	116.850	122.778	122.048	123.378	119.118
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	SEASONALLY ADJUSTED INDEX	2018	119.601	120.106	121.724	123.198	124.943	126.131	123.624	121.757	124.276	124.871	124.012	125.189
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	SEASONALLY ADJUSTED INDEX	2019	123.949	127.115	125.133	125.266	124.941	123.078	121.937	121.750	121.778	119.487	118.410	118.712
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	SEASONALLY ADJUSTED INDEX	2020	120.742	121.007	114.698	110.735	110.534	116.257	116.894	118.147	113.778	110.575	115.135	104.191
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	SEASONALLY ADJUSTED INDEX	2021	115.045	113.137	111.781	115.228	115.628	117.827	117.921	118.596	119.570	120.166	120.417	119.118
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	SEASONAL FACTOR	2017	98.154	98.805	100.487	100.412	99.740	98.292	98.153	99.474	101.966	102.536	101.167	99.837
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	SEASONAL FACTOR	2018	98.118	99.734	100.453	100.396	99.777	98.369	98.209	99.472	102.008	102.508	101.161	99.756
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	SEASONAL FACTOR	2019	98.062	99.453	100.463	100.340	99.865	98.452	98.284	99.458	102.047	102.047	101.051	99.641
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	SEASONAL FACTOR	2020	97.942	99.844	100.425	100.376	99.970	98.551	98.343	99.411	102.059	102.508	100.970	99.571
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	SEASONAL FACTOR	2021	97.903	99.758	100.406	100.418	100.082	98.669	98.369	99.377	102.041	102.485	100.944	99.551
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	UNADJUSTED INDEX	2017	115.336	118.366	117.285	118.588	116.480	114.844	115.766	116.235	121.191	123.476	119.926	118.924
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	UNADJUSTED INDEX	2018	117.350	119.766	122.294	123.686	124.664	124.074	121.409	121.114	126.772	128.002	125.452	124.884
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	UNADJUSTED INDEX	2019	121.086	125.912	125.679	125.470	125.588	121.389	119.845	121.091	124.271	122.810	120.089	119.283
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	UNADJUSTED INDEX	2020	118.257	120.819	115.186	111.151	110.501	114.572	114.957	117.452	116.121	113.487	114.297	114.987
SEAF	Infants' and toddlers' apparel	CWSR0000SEAF	UNADJUSTED INDEX	2021	112.633	112.863	112.235	115.710	115.723	116.258	115.997	117.858	122.010	123.152	121.554	118.583
SEAG	Jewelry and watches	CWSR0000SEAG	SEASONALLY ADJUSTED INDEX	2017	164.468	163.488	167.806	171.645	171.090	170.840	171.124	173.077	172.219	170.332	169.018	174.016
SEAG	Jewelry and watches	CWSR0000SEAG	SEASONALLY ADJUSTED INDEX	2018	166.480	167.539	169.800	169.111	167.503	163.797	166.628	165.019	165.606	166.259	165.673	165.713
SEAG	Jewelry and watches	CWSR0000SEAG	SEASONALLY ADJUSTED INDEX	2019	165.984	165.612	162.088	165.361	164.720	166.397	166.436	163.223	163.368	163.475	164.992	163.841
SEAG	Jewelry and watches	CWSR0000SEAG	SEASONALLY ADJUSTED INDEX	2020	163.614	163.276	162.569	159.069	157.384	158.711	158.643	158.726	161.290	161.662	162.131	161.991
SEAG	Jewelry and watches	CWSR0000SEAG	SEASONALLY ADJUSTED INDEX	2021	164.468	163.488	167.806	171.645	171.090	170.840	171.124	173.077	172.219	170.332	169.018	174.016
SEAG	Jewelry and watches	CWSR0000SEAG	SEASONAL FACTOR	2017	99.713	100.733	100.741	99.820	100.022	101.097	101.846	101.560	100.993	100.647	97.234	95.495
SEAG	Jewelry and watches	CWSR0000SEAG	SEASONAL FACTOR	2018	99.745	100.794	100.803	99.873	100.059	101.057	101.799	101.513	100.956	100.550	97.215	95.335
SEAG	Jewelry and watches	CWSR0000SEAG	SEASONAL FACTOR	2019	99.741	100.908	100.854	99.907	100.134	101.010	101.749	101.458	100.870	100.484	97.226	95.656
SEAG	Jewelry and watches	CWSR0000SEAG	SEASONALLY ADJUSTED INDEX	2020	99.742	100.909	100.854	99.907	100.134	101.010	101.749	101.458	100.870	100.484	97.226	95.656
SEAG	Jewelry and watches	CWSR0000SEAG	SEASONAL FACTOR	2021	99.778	100.993	101.129	100.004	100.079	100.925	101.605	101.196	100.831	100.344	97.301	95.950
SEAG	Jewelry and watches	CWSR0000SEAG	UNADJUSTED INDEX	2017	163.979	167.857	166.682	166.562	168.350	168.646	171.805	173.399	172.610	173.712	165.301	162.444
SEAG	Jewelry and watches	CWSR0000SEAG	UNADJUSTED INDEX	2018	166.056	168.870	171.164	168.896	167.602	165.929	166.629	167.516	167.190	167.173	162.031	158.314
SEAG	Jewelry and watches	CWSR0000SEAG	UNADJUSTED INDEX	2019	166.551	166.870	165.115	165.115	165.115	165.115	165.115	165.115	165.115	165.115	165.115	165.115
SEAG	Jewelry and watches	CWSR0000SEAG	UNADJUSTED INDEX	2020	163.198	164.876	164.147	158.996	158.207	160.224	161.354	160.864	162.638	162.155	157.653	155.254
SEAG	Jewelry and watches	CWSR0000SEAG	UNADJUSTED INDEX	2021	164.103	165.112	169.701	171.652	171.226	172.420	174.025	175.147	173.651	170.918	164.456	166.447
SEAG02	Jewelry	CWSR0000SEAG02	SEASONALLY ADJUSTED INDEX	2017	178.323	180.862	180.472	183.436	176.613	175.461	173.820	177.109	178.388	179.558	179.213	178.988
SEAG02	Jewelry	CWSR0000SEAG02	SEASONALLY ADJUSTED INDEX	2018	174.703	174.903	178.509	177.536	176.501	171.054	174.810	172.410	169.438	167.972	163.703	170.222
SEAG02	Jewelry	CWSR0000SEAG02	SEASONALLY ADJUSTED INDEX	2019	174.892	174.214	172.066	168.148	169.116	173.723	172.847	168.035	167.149	167.047	165.007	168.603
SEAG02	Jewelry	CWSR0000SEAG02	SEASONALLY ADJUSTED INDEX	2020	165.780	165.828	163.362	160.699	159.236	160.275	160.123	159.557	163.539	165.260	164.662	163.553
SEAG02	Jewelry	CWSR0000SEAG02	SEASONALLY ADJUSTED INDEX	2021	170.059	169.362	174.395	180.079	179.029	177.531	177.821	182.020	185.595	179.450	177.745	181.182
SEAG02	Jewelry	CWSR0000SEAG02	SEASONAL FACTOR	2017	99.156	100.906	100.862	99.420	99.657	101.352	102.120	101.928	101.973	99.971	97.439	94.790
SEAG02	Jewelry	CWSR0000SEAG02	SEASONAL FACTOR	2018	99.207	101.210	101.336	99.410	99.686	100.861	102.023	101.778	99.967	99.971	97.439	94.790
SEAG02	Jewelry	CWSR0000SEAG02	SEASONAL FACTOR	2019	99.381	101.294	101.773	99.505	99.657	101.158	102.247	101.443	101.684	99.971	96.790	94.651
SEAG02	Jewelry	CWSR0000SEAG02	SEASONAL FACTOR	2020	99.736	101.285	101.773	99.556	99.835	101.110	102.239	101.338	101.667	100.914	96.457	94.625
SEAG02	Jewelry	CWSR0000SEAG02	SEASONAL FACTOR	2021	100.004	101.307	101.692	99.622	99.889	101.166	102.280	101.325	101.711	100.057	96.227	94.922
SEAG02	Jewelry	CWSR0000SEAG02	UNADJUSTED INDEX	2017	175.816	174.434	170.770	174.056	174.651	174.801	174.956	175.709	175.347	180.520	169.595	168.560
SEAG02	Jewelry	CWSR0000SEAG02	UNADJUSTED INDEX	2018	173.318	177.019	180.894	176.489	175.947	173.721	177.998	175.232	172.453	167.900	164.670	161.238
SEAG02	Jewelry	CWSR0000SEAG02	UNADJUSTED INDEX	2019	170.370	173.430	165.739	167.316	168.721	175.785	176.731	170.460	170.880	168.774	163.669	157.159
SEAG02	Jewelry	CWSR0000SEAG02	UNADJUSTED INDEX	2020	165.343	167.959	166.259	159.985	158.974	162.654	163.837	161.692	166.265	165.284	158.828	154.763
SEAG02	Jewelry	CWSR0000SEAG02	UNADJUSTED INDEX	2021	170.060	171.210	171.516	177.346	178.811	178.751	181.649	181.649	181.649	181.649	171.252	170.272
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	SEASONALLY ADJUSTED INDEX	2017	690.338	691.494	692.164	693.377	694.126	694.621	696.916	697.841	699.861	701.507	702.390	704.263
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	SEASONALLY ADJUSTED INDEX	2018	704.790	705.700	705.638	706.627	707.699	710.058	711.238	716.256	716.683	718.643	720.482	722.326
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	SEASONALLY ADJUSTED INDEX	2019	724.184	726.220	728.991	730.159	731.536	732.313	733.786	735.161	736.683	738.321	740.732	740.465
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	SEASONALLY ADJUSTED INDEX	2020	742.365	744.434	747.070	748.056	748.656	750.355	751.810	754.442	756.935	759.427	761.919	764.412
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	SEASONALLY ADJUSTED INDEX	2021	751.814	752.997	751.292	752.423	754.421	756.091	757.706	758.087	759.256	760.603	762.081	762.899
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	SEASONAL FACTOR	2017	100.065	99.778	99.741	99.613	99.540	99.533	99.500	100.093	100.633	101.030	102.040	102.174
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	SEASONAL FACTOR	2018	100.085	100.007	99.737	99.611	99.551	99.561	99.569	100.083	100.596	100.577	100.397	100.178
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	SEASONAL FACTOR	2019	100.093	100.093	99.684	99.548	99.424	99.424	99.444	100.092	100.684	100.697	100.525	100.342
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	SEASONAL FACTOR	2020	100.107	100.049	99.738	99.615	99.596	99.624	99.629	100.068	100.529	100.354	100.154	100.154
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	SEASONAL FACTOR	2021	100.109	100.059	99.740	99.621	99.616	99.638	99.654	100.064	100.505	100.477	100.341	100.154
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	UNADJUSTED INDEX	2017	690.784	691.281	690.370	690.694	690.935	693.169	693.782	698.491	704.292	705.808	705.781	706.491
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	UNADJUSTED INDEX	2018	705.391	705.752	703.784	703.881	704.523	706.359	708.219	716.849	721.334	722.792	723.342	724.587
SEEB	Tuition other school fees and childcare	CWSR0000SEEB	UNADJUSTED INDEX	2019	724.884	726.457	727.086	727.334	728.384	729.338						

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SEEC02	De ivory services	CWSR0000SEEC02	SEASONALLY ADJUSTED INDEX	2019	301.523	305.314	306.617	310.434	311.326	312.250	311.448	311.532	312.473	313.628	314.949	314.757
SEEC02	De ivory services	CWSR0000SEEC02	SEASONALLY ADJUSTED INDEX	2020	310.769	310.681	309.565	307.099	304.268	306.662	308.999	310.349	311.545	311.296	312.280	316.818
SEEC02	De ivory services	CWSR0000SEEC02	SEASONALLY ADJUSTED INDEX	2021	319.327	321.917	324.243	329.598	329.090	333.950	336.526	332.948	336.576	348.517	338.497	337.743
SEEC02	De ivory services	CWSR0000SEEC02	SEASONAL FACTOR	2017	101.997	101.413	101.014	100.447	100.328	100.008	99.791	99.379	99.313	99.158	98.792	98.639
SEEC02	De ivory services	CWSR0000SEEC02	SEASONAL FACTOR	2018	101.941	101.371	101.052	100.332	100.242	99.904	99.795	99.406	99.427	99.210	98.893	98.578
SEEC02	De ivory services	CWSR0000SEEC02	SEASONAL FACTOR	2019	101.834	101.328	101.050	100.187	100.135	99.820	99.846	99.484	99.533	99.251	98.998	98.777
SEEC02	De ivory services	CWSR0000SEEC02	SEASONAL FACTOR	2020	101.765	101.267	100.920	100.126	100.036	99.696	99.781	99.589	99.566	99.580	98.722	98.821
SEEC02	De ivory services	CWSR0000SEEC02	SEASONAL FACTOR	2021	101.665	101.209	100.898	100.064	99.976	99.773	99.949	99.494	99.604	99.251	99.100	98.938
SEEC02	De ivory services	CWSR0000SEEC02	UNADJUSTED INDEX	2017	280.415	281.136	282.614	281.571	281.804	281.508	280.722	282.474	284.274	285.012	285.842	287.768
SEEC02	De ivory services	CWSR0000SEEC02	UNADJUSTED INDEX	2018	302.565	300.982	301.179	297.389	300.285	301.052	303.327	303.033	304.303	304.211	302.919	309.635
SEEC02	De ivory services	CWSR0000SEEC02	UNADJUSTED INDEX	2019	307.052	309.368	309.838	311.015	311.746	311.688	310.867	309.923	311.013	313.265	311.795	310.907
SEEC02	De ivory services	CWSR0000SEEC02	UNADJUSTED INDEX	2020	316.208	317.615	317.555	320.454	304.376	305.989	308.887	309.003	310.236	309.483	309.486	313.246
SEEC02	De ivory services	CWSR0000SEEC02	UNADJUSTED INDEX	2021	324.938	325.282	327.155	326.743	328.002	329.848	333.778	337.316	331.629	333.797	335.551	334.156
SEEE	Information technology, hardware and services	CWSR0000SEEE	SEASONALLY ADJUSTED INDEX	2017	8.321	8.288	8.266	8.308	8.272	8.269	8.187	8.158	8.131	8.131	8.116	8.101
SEEE	Information technology, hardware and services	CWSR0000SEEE	SEASONALLY ADJUSTED INDEX	2018	8.122	8.052	8.019	7.990	8.039	8.052	8.098	8.084	8.106	8.080	8.041	8.054
SEEE	Information technology, hardware and services	CWSR0000SEEE	SEASONALLY ADJUSTED INDEX	2019	8.077	8.057	8.003	8.013	7.985	7.979	8.009	8.025	7.966	7.963	8.007	7.984
SEEE	Information technology, hardware and services	CWSR0000SEEE	SEASONALLY ADJUSTED INDEX	2020	8.030	8.028	8.000	8.013	7.999	7.982	7.971	7.964	7.929	7.912	7.950	7.956
SEEE	Information technology, hardware and services	CWSR0000SEEE	SEASONALLY ADJUSTED INDEX	2021	7.942	7.919	7.919	7.999	7.997	7.983	8.006	8.075	8.116	8.096	8.081	8.094
SEEE	Information technology, hardware and services	CWSR0000SEEE	SEASONAL FACTOR	2017	99.988	100.012	100.000	100.036	100.012	100.000	100.037	100.037	100.012	99.988	99.951	99.951
SEEE	Information technology, hardware and services	CWSR0000SEEE	SEASONAL FACTOR	2018	99.975	100.012	99.988	100.025	100.000	100.012	100.049	100.062	100.037	99.975	99.963	99.938
SEEE	Information technology, hardware and services	CWSR0000SEEE	SEASONAL FACTOR	2019	99.975	100.000	99.975	100.000	99.987	100.013	100.050	100.075	100.063	99.987	99.975	99.950
SEEE	Information technology, hardware and services	CWSR0000SEEE	SEASONAL FACTOR	2020	99.950	99.975	99.950	99.988	99.975	100.000	100.050	100.088	100.088	100.000	100.000	99.963
SEEE	Information technology, hardware and services	CWSR0000SEEE	SEASONAL FACTOR	2021	99.950	99.975	99.949	99.987	99.975	100.000	100.050	100.074	100.099	100.012	100.000	99.963
SEEE	Information technology, hardware and services	CWSR0000SEEE	UNADJUSTED INDEX	2017	8.320	8.289	8.266	8.311	8.273	8.269	8.190	8.161	8.132	8.130	8.112	8.097
SEEE	Information technology, hardware and services	CWSR0000SEEE	UNADJUSTED INDEX	2018	8.120	8.053	8.018	7.992	8.039	8.093	8.102	8.089	8.109	8.058	8.038	8.049
SEEE	Information technology, hardware and services	CWSR0000SEEE	UNADJUSTED INDEX	2019	8.075	8.057	8.004	8.013	7.984	7.980	8.013	8.031	7.971	7.942	8.005	7.980
SEEE	Information technology, hardware and services	CWSR0000SEEE	UNADJUSTED INDEX	2020	8.026	8.026	7.996	8.012	7.997	7.982	7.975	7.971	7.936	7.912	7.950	7.953
SEEE	Information technology, hardware and services	CWSR0000SEEE	UNADJUSTED INDEX	2021	7.937	7.919	7.919	7.999	7.997	7.983	8.006	8.075	8.116	8.096	8.081	8.094
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	SEASONALLY ADJUSTED INDEX	2017	22.418	22.402	22.319	22.001	21.730	21.735	21.388	21.381	21.037	20.542	20.848	21.228
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	SEASONALLY ADJUSTED INDEX	2018	21.567	21.316	21.182	20.932	20.556	20.534	20.684	20.255	19.827	19.598	19.300	19.135
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	SEASONALLY ADJUSTED INDEX	2019	18.966	18.683	18.394	18.220	18.058	17.877	17.530	17.404	17.153	16.966	16.822	16.137
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	SEASONALLY ADJUSTED INDEX	2020	18.175	18.015	17.822	18.011	17.822	18.011	17.822	17.641	17.363	16.877	16.747	15.904
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	SEASONALLY ADJUSTED INDEX	2021	12.855	12.778	12.720	12.575	12.448	12.365	12.359	12.356	12.343	12.248	12.246	12.289
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	SEASONAL FACTOR	2017	99.658	100.384	99.973	100.657	100.275	100.110	100.778	100.881	100.100	99.669	99.929	98.831
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	SEASONAL FACTOR	2018	99.568	100.257	99.775	100.356	99.979	100.240	100.822	101.074	100.672	99.694	99.284	98.927
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	SEASONAL FACTOR	2019	99.394	99.942	99.518	100.066	99.737	100.167	100.385	101.359	101.225	99.989	99.566	98.039
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	SEASONAL FACTOR	2020	98.147	98.856	98.232	99.763	99.584	100.023	101.053	102.408	104.603	104.304	104.870	104.076
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	SEASONAL FACTOR	2021	98.896	99.276	98.962	99.594	99.555	99.903	101.115	101.724	102.032	100.233	100.045	99.919
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2017	22.341	22.578	22.313	22.146	21.790	21.759	21.474	21.317	21.041	20.474	20.646	20.188
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2018	21.474	21.371	21.134	21.007	20.552	20.583	20.847	20.473	19.960	19.498	19.162	18.390
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2019	18.827	18.752	18.496	18.294	18.016	17.807	17.604	17.361	17.160	16.720	16.470	15.470
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2020	16.058	16.032	15.827	15.688	15.822	15.417	15.354	15.475	15.002	14.713	13.981	13.435
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2021	12.723	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2022	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2023	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2024	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2025	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2026	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2027	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2028	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2029	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2030	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2031	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2032	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2033	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2034	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2035	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2036	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2037	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2038	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2039	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2040	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	12.171
SEEE04	Telephone hardware, calculators, and other consumer information items	CWSR0000SEEE04	UNADJUSTED INDEX	2041	12.716	12.685	12.588	12.524	12.393	12.353	12.497	12.569	12.592	12.276	12.253	

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SEFC	Beef and veal	CWSR0000SEFC	SEASONAL FACTOR	2020	98.415	98.275	99.039	99.792	100.363	102.071	102.092	100.983	100.807	99.969	99.726	98.950
SEFC	Beef and veal	CWSR0000SEFC	SEASONAL FACTOR	2021	98.442	98.201	98.948	99.751	100.353	102.184	102.161	100.949	100.824	99.996	99.731	98.429
SEFC	Beef and veal	CWSR0000SEFC	SEASONAL FACTOR	2017	98.716	98.705	98.319	99.024	99.317	100.211	101.305	102.752	101.979	101.334	99.842	98.186
SEFC	Beef and veal	CWSR0000SEFC	UNADJUSTED INDEX	2018	300.135	300.467	304.336	308.869	305.533	308.737	310.443	310.545	307.527	303.116	303.025	302.084
SEFC	Beef and veal	CWSR0000SEFC	UNADJUSTED INDEX	2019	304.529	304.628	307.242	308.951	311.568	311.115	313.043	310.963	310.434	310.375	310.989	316.473
SEFC	Beef and veal	CWSR0000SEFC	UNADJUSTED INDEX	2020	316.538	316.969	319.374	332.438	368.870	388.104	356.319	340.456	335.185	334.583	334.148	
SEFC	Beef and veal	CWSR0000SEFC	UNADJUSTED INDEX	2021	335.727	337.556	341.571	348.726	395.538	376.352	329.384	302.961	304.181	401.502	99.758	98.737
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	SEASONALLY ADJUSTED INDEX	2017	203.140	205.651	202.704	202.169	199.886	203.413	204.439	203.157	200.865	201.698	204.023	203.559
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	SEASONALLY ADJUSTED INDEX	2018	205.342	204.801	206.220	207.714	203.544	204.943	204.258	206.527	206.291	205.508	206.172	208.817
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	SEASONALLY ADJUSTED INDEX	2019	210.873	210.624	212.113	209.662	209.148	204.933	205.374	206.671	206.901	209.402	210.658	217.968
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	SEASONALLY ADJUSTED INDEX	2020	216.938	217.988	217.832	221.409	244.830	254.721	231.294	224.015	220.918	222.971	223.434	226.356
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	SEASONALLY ADJUSTED INDEX	2021	230.929	233.634	232.800	232.950	256.064	245.291	257.218	267.074	270.911	276.737	278.639	274.723
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	SEASONAL FACTOR	2017	97.383	97.658	98.968	100.307	101.028	102.252	102.703	101.577	101.031	100.158	99.990	97.966
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	SEASONAL FACTOR	2018	97.446	97.617	98.732	100.091	101.067	102.483	102.808	101.451	101.022	100.258	99.187	97.959
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	SEASONAL FACTOR	2019	97.570	97.534	98.519	99.903	101.148	102.531	102.943	101.378	100.972	100.233	99.270	97.945
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	SEASONAL FACTOR	2020	97.686	97.495	98.308	99.727	101.066	102.763	103.065	101.342	100.929	100.276	99.319	97.971
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	SEASONAL FACTOR	2021	97.776	97.468	98.101	99.566	101.211	102.916	103.141	101.314	100.929	100.327	99.339	98.006
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	UNADJUSTED INDEX	2017	197.823	200.834	200.612	202.789	201.940	207.993	209.965	206.362	202.936	202.017	202.167	204.324
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	UNADJUSTED INDEX	2018	200.097	199.920	203.604	207.902	205.716	207.952	209.994	209.523	208.990	205.997	204.496	204.555
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	UNADJUSTED INDEX	2019	205.750	205.429	208.972	209.458	211.549	210.335	211.418	209.520	208.912	209.973	209.119	213.488
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	UNADJUSTED INDEX	2020	211.918	212.526	214.147	220.804	247.733	261.810	238.383	227.022	222.398	220.577	221.913	221.763
SEFC03	Uncooked beef steaks	CWSR0000SEFC03	UNADJUSTED INDEX	2021	225.794	226.744	228.379	235.039	248.262	264.178	265.694	264.508	273.427	279.447	276.977	269.246
SEFD	Pork	CWSR0000SEFD	SEASONALLY ADJUSTED INDEX	2017	205.001	209.151	212.372	209.635	209.833	209.546	210.395	211.908	212.963	213.888	212.689	212.670
SEFD	Pork	CWSR0000SEFD	SEASONALLY ADJUSTED INDEX	2018	213.834	213.259	213.717	211.973	210.519	208.247	207.324	208.800	208.234	206.574	209.546	210.100
SEFD	Pork	CWSR0000SEFD	SEASONALLY ADJUSTED INDEX	2019	211.163	210.274	214.766	210.568	213.278	211.169	211.548	209.426	211.191	211.566	214.354	216.458
SEFD	Pork	CWSR0000SEFD	SEASONALLY ADJUSTED INDEX	2020	217.820	219.788	219.236	223.510	230.035	234.868	227.810	225.731	223.298	225.010	225.112	227.319
SEFD	Pork	CWSR0000SEFD	SEASONALLY ADJUSTED INDEX	2021	228.662	231.503	231.457	236.260	236.436	242.909	245.968	248.333	252.787	258.023	264.625	262.758
SEFD	Pork	CWSR0000SEFD	SEASONAL FACTOR	2017	98.717	98.705	98.319	99.024	99.317	100.211	101.305	102.752	101.979	101.334	99.842	98.186
SEFD	Pork	CWSR0000SEFD	SEASONAL FACTOR	2018	98.678	98.416	98.851	99.036	99.584	100.506	101.626	102.003	101.072	100.578	99.737	98.224
SEFD	Pork	CWSR0000SEFD	SEASONAL FACTOR	2019	98.538	98.272	98.740	98.937	99.805	100.844	101.534	102.034	101.596	101.541	99.670	98.193
SEFD	Pork	CWSR0000SEFD	SEASONAL FACTOR	2020	98.404	98.154	98.559	98.828	98.894	101.137	102.253	102.016	101.518	101.549	99.688	98.184
SEFD	Pork	CWSR0000SEFD	SEASONAL FACTOR	2021	98.272	98.195	98.308	99.727	101.066	102.763	103.065	101.342	100.929	100.276	99.319	97.971
SEFD	Pork	CWSR0000SEFD	UNADJUSTED INDEX	2017	202.491	206.046	209.950	207.708	208.399	210.000	211.344	216.257	217.178	217.379	212.352	209.044
SEFD	Pork	CWSR0000SEFD	UNADJUSTED INDEX	2018	211.007	209.881	211.261	209.929	209.185	209.301	210.700	212.981	211.904	209.834	208.994	206.369
SEFD	Pork	CWSR0000SEFD	UNADJUSTED INDEX	2019	208.076	206.640	209.098	208.330	212.862	212.955	215.638	213.686	214.562	214.827	213.646	212.547
SEFD	Pork	CWSR0000SEFD	UNADJUSTED INDEX	2020	214.344	215.730	216.098	220.891	229.791	237.539	232.944	230.281	226.687	228.484	224.410	223.190
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	SEASONALLY ADJUSTED INDEX	2017	153.091	155.513	159.370	159.199	158.373	158.646	159.515	162.851	163.984	162.394	160.818	160.418
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	SEASONALLY ADJUSTED INDEX	2018	160.437	160.618	161.662	159.284	158.142	156.079	157.235	157.119	156.864	154.077	157.102	157.123
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	SEASONALLY ADJUSTED INDEX	2019	158.294	158.530	159.303	157.959	160.373	162.014	161.123	157.988	158.665	159.505	160.551	161.893
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	SEASONALLY ADJUSTED INDEX	2020	163.045	163.232	162.161	163.610	161.943	161.454	162.948	163.193	162.529	160.936	160.246	161.501
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	SEASONALLY ADJUSTED INDEX	2021	168.143	169.105	171.222	175.640	177.300	180.051	182.038	186.654	189.688	193.332	196.879	198.157
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	SEASONAL FACTOR	2017	99.992	99.495	99.332	99.506	99.388	99.601	100.772	101.439	102.097	101.620	98.847	97.994
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	SEASONAL FACTOR	2018	99.919	99.338	99.344	99.422	99.563	99.766	100.990	101.276	101.809	101.801	99.114	98.122
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	SEASONAL FACTOR	2019	99.919	99.338	99.344	99.422	99.563	99.766	100.990	101.276	101.809	101.801	99.114	98.122
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	SEASONAL FACTOR	2020	99.935	99.335	99.992	99.028	99.618	100.218	101.236	100.996	101.326	101.596	99.767	98.870
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	SEASONAL FACTOR	2021	99.961	98.779	98.719	98.885	99.567	100.371	101.275	100.922	101.216	101.697	99.979	98.683
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	UNADJUSTED INDEX	2017	153.078	154.727	158.306	158.413	157.371	158.012	160.746	165.194	167.424	165.026	158.964	157.195
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	UNADJUSTED INDEX	2018	160.301	160.542	160.692	159.343	157.388	156.723	157.235	157.119	156.864	154.077	157.102	157.123
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	UNADJUSTED INDEX	2019	158.152	157.145	158.035	157.171	159.956	162.362	162.998	159.770	161.091	162.055	159.577	160.290
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	UNADJUSTED INDEX	2020	162.940	161.493	160.527	161.050	160.877	169.824	169.922	167.498	167.384	169.585	166.956	167.887
SEFD01	Bacon, breakfast sausage, and related products	CWSR0000SEFD01	UNADJUSTED INDEX	2021	168.078	167.040	169.028	173.681	175.533	170.260	184.359	188.375	192.301	196.614	198.396	195.945
SEFD02	Ham	CWSR0000SEFD02	SEASONALLY ADJUSTED INDEX	2017	198.076	198.295	202.096	203.274	203.274	203.274	203.274	203.274	203.274	203.274	203.274	203.274
SEFD02	Ham	CWSR0000SEFD02	SEASONALLY ADJUSTED INDEX	2018	204.555	201.832	202.559	203.266	203.486	205.834	203.071	200.264	201.427	198.965	202.168	202.719
SEFD02	Ham	CWSR0000SEFD02	SEASONALLY ADJUSTED INDEX	2019	204.170	199.829	204.274	205.123	204.913	200.661	201.747	206.532	205.995	209.213	210.255	209.485
SEFD02	Ham	CWSR0000SEFD02	SEASONALLY ADJUSTED INDEX	2020	212.609	218.274	221.246	218.754	225.729	225.292	217.019	217.079	215.424	215.031	209.751	214.346
SEFD02	Ham	CWSR0000SEFD02	SEASONALLY ADJUSTED INDEX	2021	217.711	221.893	216.100	222.432	216.100	222.432	216.100	222.432	216.100	222.432	216.100	222.432
SEFD02	Ham	CWSR0000SEFD02	SEASONAL FACTOR	2017	96.918	96.827	96.762	96.785	96.788	100.753	101.032	102.989	104.093	103.093	101.519	99.435
SEFD02	Ham	CWSR0000SEFD02	SEASONAL FACTOR	2018	96.880	96.496	97.500	97.147	99.177	101.084	102.088	103.000	103.938	103.722	100.317	96.017
SEFD02	Ham	CWSR0000SEFD02	SEASONAL FACTOR	2019	96.878	96.304	98.847	97.390	99.490	101.425	102.143	103.000	103.822	103.410	100.181	95.715
SEFD02	Ham	CWSR0000SEFD02	SEASONAL FACTOR	2020	96.995	96.298	98.847	97.566	99.635	101.585	102.937	103.006	103.760	103.315	100.622	95.547
SEFD02	Ham	CWSR0000SEFD02	SEASONAL FACTOR	2021	97.047	96.918	97.001	97.001	97.001	97.001	97.001	97.001	97.001	97.001	97.001	97.001
SEFD02	Ham	CWSR0000SEFD02	UNADJUSTED INDEX	2017	193.175	194.599	205.763	196.254	196.888	205.087	21					

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SEFG02	Processed fish and seafood	CWSR0000SEFG02	UNADJUSTED INDEX	2021	154.662	152.640	150.594	152.205	154.717	156.833	159.490	157.738	158.928	159.672	163.207	164.461
SEFJ	Dairy and related products	CWSR0000SEFJ	SEASONALLY ADJUSTED INDEX	2017	216.989	218.730	216.745	216.164	216.393	215.263	216.216	215.738	214.864	214.842	215.276	214.687
SEFJ	Dairy and related products	CWSR0000SEFJ	SEASONALLY ADJUSTED INDEX	2018	214.142	214.581	214.592	215.533	214.589	215.319	214.869	215.399	215.141	215.328	214.927	214.273
SEFJ	Dairy and related products	CWSR0000SEFJ	SEASONALLY ADJUSTED INDEX	2019	214.289	214.579	215.800	216.152	217.035	217.611	217.333	217.704	218.028	218.056	219.755	219.395
SEFJ	Dairy and related products	CWSR0000SEFJ	SEASONALLY ADJUSTED INDEX	2020	220.246	222.453	223.319	226.964	229.026	227.885	226.810	229.303	229.112	227.025	228.042	229.414
SEFJ	Dairy and related products	CWSR0000SEFJ	SEASONALLY ADJUSTED INDEX	2021	228.736	228.445	227.401	228.800	229.559	230.051	231.300	229.284	230.483	230.988	231.594	233.231
SEFJ	Dairy and related products	CWSR0000SEFJ	SEASONAL FACTOR	2017	100.126	100.686	100.171	100.669	100.917	100.368	100.936	98.785	100.133	100.797	100.516	100.393
SEFJ	Dairy and related products	CWSR0000SEFJ	SEASONAL FACTOR	2018	100.593	100.104	100.124	100.012	99.641	99.317	99.389	98.788	100.108	100.385	100.101	100.000
SEFJ	Dairy and related products	CWSR0000SEFJ	SEASONAL FACTOR	2019	100.578	100.139	100.125	100.016	99.665	99.346	99.402	99.800	100.084	100.355	100.060	100.392
SEFJ	Dairy and related products	CWSR0000SEFJ	SEASONAL FACTOR	2020	100.559	100.153	100.138	100.020	99.699	99.381	99.416	99.809	100.053	100.320	100.042	100.392
SEFJ	Dairy and related products	CWSR0000SEFJ	SEASONAL FACTOR	2021	100.527	100.149	100.151	100.025	99.734	99.427	99.280	98.812	100.027	100.291	100.030	100.391
SEFJ	Dairy and related products	CWSR0000SEFJ	UNADJUSTED INDEX	2017	216.324	218.924	217.014	216.151	215.355	215.171	214.866	215.109	215.850	215.158	215.578	215.443
SEFJ	Dairy and related products	CWSR0000SEFJ	UNADJUSTED INDEX	2018	216.166	214.811	214.787	215.278	213.923	214.345	213.826	214.872	215.159	215.239	214.743	215.129
SEFJ	Dairy and related products	CWSR0000SEFJ	UNADJUSTED INDEX	2019	215.528	214.877	216.070	216.187	216.307	216.188	216.033	217.269	218.211	219.069	219.887	220.236
SEFJ	Dairy and related products	CWSR0000SEFJ	UNADJUSTED INDEX	2020	221.477	222.794	223.626	227.009	228.336	226.474	225.484	229.864	229.234	227.787	228.138	230.516
SEFJ	Dairy and related products	CWSR0000SEFJ	UNADJUSTED INDEX	2021	229.941	228.786	227.745	228.857	228.948	228.733	229.959	228.852	230.545	231.640	231.663	234.157
SEFJ01	Milk	CWSR0000SEFJ01	SEASONALLY ADJUSTED INDEX	2017	141.219	141.282	140.697	138.816	139.385	139.138	139.351	138.158	136.865	137.345	137.726	136.895
SEFJ01	Milk	CWSR0000SEFJ01	SEASONALLY ADJUSTED INDEX	2018	136.555	136.731	135.203	135.887	135.516	137.130	136.054	136.599	135.628	136.730	137.303	135.431
SEFJ01	Milk	CWSR0000SEFJ01	SEASONALLY ADJUSTED INDEX	2019	136.930	137.303	138.112	139.147	139.102	140.147	140.591	140.410	140.395	141.534	142.204	141.714
SEFJ01	Milk	CWSR0000SEFJ01	SEASONALLY ADJUSTED INDEX	2020	141.681	145.344	145.389	146.813	146.123	145.529	151.157	150.244	147.454	148.416	150.320	
SEFJ01	Milk	CWSR0000SEFJ01	SEASONALLY ADJUSTED INDEX	2021	149.428	148.599	147.714	149.933	152.861	153.701	155.304	153.154	153.149	153.922	155.166	156.694
SEFJ01	Milk	CWSR0000SEFJ01	SEASONAL FACTOR	2017	100.507	99.891	99.725	99.796	99.627	99.067	99.002	99.720	100.433	100.436	101.371	
SEFJ01	Milk	CWSR0000SEFJ01	SEASONAL FACTOR	2018	100.556	99.831	99.678	99.853	99.657	99.111	99.019	99.741	100.389	100.311	100.484	101.361
SEFJ01	Milk	CWSR0000SEFJ01	SEASONAL FACTOR	2019	100.410	100.033	99.824	99.696	99.534	99.000	98.991	99.692	100.485	100.418	100.527	101.107
SEFJ01	Milk	CWSR0000SEFJ01	SEASONAL FACTOR	2020	100.430	99.934	99.778	99.754	99.611	99.021	98.987	99.706	100.467	100.372	100.490	101.398
SEFJ01	Milk	CWSR0000SEFJ01	SEASONAL FACTOR	2021	100.517	99.905	99.745	99.722	99.589	99.043	99.002	99.720	100.433	100.372	100.490	101.398
SEFJ01	Milk	CWSR0000SEFJ01	UNADJUSTED INDEX	2017	141.798	141.328	140.449	138.394	138.736	137.746	137.945	137.732	137.529	137.919	138.452	138.611
SEFJ01	Milk	CWSR0000SEFJ01	UNADJUSTED INDEX	2018	137.142	136.641	136.628	136.926	136.922	134.689	136.197	136.261	136.261	136.261	136.261	136.261
SEFJ01	Milk	CWSR0000SEFJ01	UNADJUSTED INDEX	2019	137.624	137.153	138.729	138.864	138.583	138.339	139.188	140.017	141.003	142.002	142.895	143.857
SEFJ01	Milk	CWSR0000SEFJ01	UNADJUSTED INDEX	2020	145.486	145.098	144.921	146.598	145.621	144.236	145.091	150.765	150.828	147.913	149.135	152.366
SEFJ01	Milk	CWSR0000SEFJ01	UNADJUSTED INDEX	2021	150.280	148.228	147.184	149.812	152.412	152.398	153.792	152.792	150.730	154.350	155.855	158.828
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	SEASONALLY ADJUSTED INDEX	2017	222.945	223.868	223.776	223.868	223.868	223.868	223.868	223.868	223.868	223.868	223.868	223.868
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	SEASONALLY ADJUSTED INDEX	2018	224.106	219.933	222.901	221.702	221.569	223.260	222.818	223.526	223.275	223.172	222.623	223.639
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	SEASONALLY ADJUSTED INDEX	2019	223.623	225.533	222.715	224.360	224.559	220.809	220.668	222.140	224.231	225.665	226.112	226.590
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	SEASONALLY ADJUSTED INDEX	2020	224.583	225.318	227.867	231.953	237.156	237.913	237.251	235.209	234.249	229.540	232.823	232.762
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	SEASONALLY ADJUSTED INDEX	2021	232.775	231.115	231.060	232.009	230.981	234.179	237.210	235.071	234.570	236.762	236.560	236.041
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	SEASONAL FACTOR	2017	101.810	101.871	101.235	101.174	98.941	97.794	97.149	98.941	98.941	98.941	98.941	98.941
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	SEASONAL FACTOR	2018	101.665	101.729	101.182	101.091	99.133	97.904	97.329	98.408	99.848	100.405	100.362	101.072
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	SEASONAL FACTOR	2019	101.556	101.485	101.132	101.020	99.222	98.112	97.492	98.429	99.813	100.548	100.293	101.009
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	SEASONAL FACTOR	2020	101.478	101.346	101.016	100.990	99.257	98.234	97.585	98.428	99.856	100.734	100.272	100.947
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	SEASONAL FACTOR	2021	101.415	101.187	100.945	100.967	99.228	98.068	97.585	98.428	99.856	100.734	100.272	100.947
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	UNADJUSTED INDEX	2017	226.360	228.056	224.509	223.959	220.557	215.696	216.495	218.353	220.188	220.336	221.374	222.777
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	UNADJUSTED INDEX	2018	227.338	223.735	225.537	224.121	219.649	218.580	216.629	222.936	224.077	223.429	225.036	
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	UNADJUSTED INDEX	2019	227.102	228.883	225.236	226.647	222.812	216.640	215.239	218.651	221.011	226.901	227.277	228.624
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	UNADJUSTED INDEX	2020	231.901	231.901	231.901	231.901	231.901	231.901	231.901	231.901	231.901	231.901	231.901	231.901
SEFJ03	Ice cream and related products	CWSR0000SEFJ03	UNADJUSTED INDEX	2021	236.068	233.858	233.445	234.252	229.200	230.392	232.221	231.376	234.365	238.627	235.113	239.311
SEFK	Fresh fru ts	CWSR0000SEFK	SEASONALLY ADJUSTED INDEX	2017	351.563	350.911	357.322	358.248	357.539	359.544	361.354	360.013	362.181	362.581	363.603	363.052
SEFK	Fresh fru ts	CWSR0000SEFK	SEASONALLY ADJUSTED INDEX	2018	367.147	365.818	367.011	362.204	362.032	364.583	366.424	364.362	363.783	356.926	357.955	361.851
SEFK	Fresh fru ts	CWSR0000SEFK	SEASONALLY ADJUSTED INDEX	2019	358.357	358.067	358.894	364.866	364.866	364.866	364.866	364.866	364.866	364.866	364.866	364.866
SEFK	Fresh fru ts	CWSR0000SEFK	SEASONALLY ADJUSTED INDEX	2020	350.107	349.289	351.519	353.709	354.802	354.575	356.098	361.671	363.870	358.789	361.043	357.874
SEFK	Fresh fru ts	CWSR0000SEFK	SEASONALLY ADJUSTED INDEX	2021	363.029	368.106	370.458	374.550	374.558	379.663	381.726	374.439	376.814	373.183	381.932	386.565
SEFK	Fresh fru ts	CWSR0000SEFK	SEASONAL FACTOR	2017	100.186	99.748	99.016	100.158	100.816	98.801	98.944	99.311	100.618	102.049	100.372	99.296
SEFK	Fresh fru ts	CWSR0000SEFK	SEASONAL FACTOR	2018	100.692	100.125	100.125	100.125	100.125	100.125	100.125	100.125	100.125	100.125	100.125	100.125
SEFK	Fresh fru ts	CWSR0000SEFK	SEASONAL FACTOR	2019	100.040	99.675	99.453	100.973	101.028	99.242	99.248	99.250	100.020	101.511	99.770	99.342
SEFK	Fresh fru ts	CWSR0000SEFK	SEASONAL FACTOR	2020	99.957	99.703	99.651	101.345	101.243	99.379	99.262	99.174	99.748	101.320	99.583	99.373
SEFK	Fresh fru ts	CWSR0000SEFK	SEASONAL FACTOR	2021	99.913	99.730	99.768	101.572	101.572	101.572	101.572	99.915	99.619	101.162	99.515	99.422
SEFK	Fresh fru ts	CWSR0000SEFK	UNADJUSTED INDEX	2017	364.216	364.216	364.216	364.216	364.216	364.216	364.216	364.216	364.216	364.216	364.216	364.216
SEFK	Fresh fru ts	CWSR0000SEFK	UNADJUSTED INDEX	2018	367.611	364.705	358.221	364.177	365.111	361.040	363.370	361.795	364.898	363.314	358.244	359.386
SEFK	Fresh fru ts	CWSR0000SEFK	UNADJUSTED INDEX	2019	365.506	362.856	362.861	364.020	362.115	354.938	354.221	351.690	352.898	362.000	352.817	359.960
SEFK	Fresh fru ts	CWSR0000SEFK	UNADJUSTED INDEX	2020	349.958	348.252	350.291	358.468	359.210	352.374	353.470	358.682	357.965	363.523	359.359	356.632
SEFK	Fresh fru ts	CWSR0000SEFK	UNADJUSTED INDEX	2021	362.712	367.112	369.598	380.438	379.881	377.801	371.188	371.262	375.378	377.030	380.080	383.579
SEFK01	Apples	CWSR0000SEFK01	SEASONALLY ADJUSTED INDEX	2017	339.575	338.657	338.894	3								

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SEFL03	Tomatoes	CWSR0000SEFL03	SEASONAL FACTOR	2017	108.415	103.560	100.958	98.988	94.778	96.424	96.708	96.680	98.125	98.125	103.150	104.318
SEFL03	Tomatoes	CWSR0000SEFL03	SEASONAL FACTOR	2018	107.571	103.040	100.869	99.073	95.175	97.016	97.280	97.388	98.291	98.291	102.931	103.727
SEFL04	Other fresh vegetables	CWSR0000SEFL04	SEASONAL FACTOR	2019	106.621	102.778	100.118	98.225	94.825	96.329	97.798	97.798	98.421	98.421	103.141	103.096
SEFL03	Tomatoes	CWSR0000SEFL03	SEASONAL FACTOR	2020	105.835	102.409	100.719	99.289	96.149	97.960	98.101	98.128	98.540	98.833	101.505	102.378
SEFL03	Tomatoes	CWSR0000SEFL03	SEASONAL FACTOR	2021	105.370	102.336	100.772	99.417	96.435	98.069	98.221	98.244	98.641	98.920	101.415	101.885
SEFL03	Tomatoes	CWSR0000SEFL03	UNADJUSTED INDEX	2017	317.982	317.892	311.559	314.188	304.836	314.621	314.782	313.342	315.729	317.981	328.711	350.008
SEFL03	Tomatoes	CWSR0000SEFL03	UNADJUSTED INDEX	2018	367.379	334.430	329.478	330.521	304.351	315.459	320.128	312.836	314.446	319.917	338.230	354.462
SEFL03	Tomatoes	CWSR0000SEFL03	UNADJUSTED INDEX	2019	349.205	332.869	328.291	319.881	305.872	309.701	309.748	313.644	314.197	324.271	320.271	329.058
SEFL03	Tomatoes	CWSR0000SEFL03	UNADJUSTED INDEX	2020	352.003	348.275	354.418	342.362	334.411	338.274	340.776	336.576	338.821	344.106	342.605	342.358
SEFL03	Tomatoes	CWSR0000SEFL03	UNADJUSTED INDEX	2021	346.324	338.988	336.261	337.915	332.238	338.934	337.527	341.405	343.041	345.868	353.765	348.943
SEFL04	Other fresh vegetables	CWSR0000SEFL04	SEASONAL FACTOR	2017	316.903	321.655	324.275	333.596	322.432	331.572	332.185	332.427	332.900	335.136	332.970	330.831
SEFL04	Other fresh vegetables	CWSR0000SEFL04	SEASONALLY ADJUSTED INDEX	2018	328.597	328.633	328.846	328.746	332.875	328.941	333.177	334.397	336.004	339.9	342.171	344.688
SEFL04	Other fresh vegetables	CWSR0000SEFL04	SEASONALLY ADJUSTED INDEX	2019	345.803	349.210	350.838	349.294	346.916	345.570	342.767	343.906	340.446	341.111	339.228	337.853
SEFL04	Other fresh vegetables	CWSR0000SEFL04	SEASONALLY ADJUSTED INDEX	2020	342.653	341.194	335.233	342.616	344.366	349.266	353.798	349.589	351.135	347.890	347.626	350.998
SEFL04	Other fresh vegetables	CWSR0000SEFL04	SEASONALLY ADJUSTED INDEX	2021	345.736	344.696	345.579	346.366	348.669	349.012	348.958	350.341	352.633	356.737	356.204	356.999
SEFL04	Other fresh vegetables	CWSR0000SEFL04	SEASONAL FACTOR	2018	102.237	101.237	100.283	99.822	100.066	99.344	99.299	98.841	98.600	99.090	99.849	100.613
SEFL04	Other fresh vegetables	CWSR0000SEFL04	SEASONAL FACTOR	2019	102.320	101.061	100.247	99.804	100.176	99.450	99.308	99.103	98.718	99.747	99.849	100.435
SEFL04	Other fresh vegetables	CWSR0000SEFL04	SEASONAL FACTOR	2020	102.014	100.952	100.146	99.756	100.267	99.631	99.306	99.329	98.806	98.946	99.779	100.308
SEFL04	Other fresh vegetables	CWSR0000SEFL04	SEASONAL FACTOR	2021	101.785	100.876	100.101	99.749	100.308	99.806	99.255	99.463	98.869	99.918	99.700	100.184
SEFL04	Other fresh vegetables	CWSR0000SEFL04	UNADJUSTED INDEX	2020	348.769	344.184	335.570	341.756	345.425	348.590	351.162	347.712	347.163	344.034	345.831	351.645
SEFL04	Other fresh vegetables	CWSR0000SEFL04	UNADJUSTED INDEX	2017	325.393	325.635	325.194	333.400	332.651	329.397	329.857	328.574	328.239	333.861	332.427	336.802
SEFL04	Other fresh vegetables	CWSR0000SEFL04	UNADJUSTED INDEX	2018	336.220	332.119	327.653	328.103	329.753	326.732	330.872	331.398	331.697	337.584	341.655	346.188
SEFL04	Other fresh vegetables	CWSR0000SEFL04	UNADJUSTED INDEX	2019	352.767	352.536	351.349	348.443	347.843	344.293	340.381	341.599	336.382	339.588	338.478	338.982
SEFL04	Other fresh vegetables	CWSR0000SEFL04	UNADJUSTED INDEX	2020	348.769	344.184	335.570	341.756	345.425	348.590	351.162	347.712	347.163	344.034	345.831	351.645
SEFL04	Other fresh vegetables	CWSR0000SEFL04	UNADJUSTED INDEX	2021	351.656	347.682	345.986	345.413	349.686	348.626	346.322	348.722	348.794	356.406	354.951	357.475
SEFM	Processed fruits and vegetables	CWSR0000SEFM	SEASONALLY ADJUSTED INDEX	2017	155.527	155.041	156.591	154.127	154.178	154.265	153.643	153.893	153.529	153.526	153.124	152.325
SEFM	Processed fruits and vegetables	CWSR0000SEFM	SEASONALLY ADJUSTED INDEX	2018	153.545	153.384	152.831	153.431	152.520	152.422	152.286	153.841	153.960	153.364	152.622	153.680
SEFM	Processed fruits and vegetables	CWSR0000SEFM	SEASONALLY ADJUSTED INDEX	2019	152.897	153.090	153.490	153.840	153.869	155.119	154.892	155.261	155.261	154.931	154.101	154.931
SEFM	Processed fruits and vegetables	CWSR0000SEFM	SEASONALLY ADJUSTED INDEX	2020	156.609	156.724	157.602	160.089	161.531	162.404	162.222	162.222	162.891	162.043	163.191	163.648
SEFM	Processed fruits and vegetables	CWSR0000SEFM	SEASONALLY ADJUSTED INDEX	2021	163.006	162.922	163.918	163.780	163.886	163.745	163.623	165.224	165.953	162.437	168.295	169.713
SEFM	Processed fruits and vegetables	CWSR0000SEFM	SEASONAL FACTOR	2017	99.899	100.252	99.432	100.396	100.082	100.976	100.931	100.750	100.396	99.645	98.219	98.304
SEFM	Processed fruits and vegetables	CWSR0000SEFM	SEASONAL FACTOR	2018	99.799	99.799	99.799	100.564	100.564	100.564	100.564	100.564	100.564	100.564	100.564	100.564
SEFM	Processed fruits and vegetables	CWSR0000SEFM	SEASONAL FACTOR	2019	99.704	99.909	99.531	100.655	101.040	101.089	100.814	100.611	100.262	99.649	98.257	98.604
SEFM	Processed fruits and vegetables	CWSR0000SEFM	SEASONAL FACTOR	2020	99.604	99.774	99.609	100.678	101.120	101.107	100.808	100.514	100.170	99.660	98.296	98.770
SEFM	Processed fruits and vegetables	CWSR0000SEFM	SEASONAL FACTOR	2021	99.549	99.661	99.640	100.703	101.178	101.104	100.836	100.423	100.085	99.646	98.350	98.931
SEFM	Processed fruits and vegetables	CWSR0000SEFM	UNADJUSTED INDEX	2017	155.370	155.432	155.701	154.737	155.338	155.771	155.124	155.047	154.136	152.982	149.407	149.742
SEFM	Processed fruits and vegetables	CWSR0000SEFM	UNADJUSTED INDEX	2018	153.230	153.632	153.034	154.234	153.977	154.029	153.802	154.921	153.880	152.163	149.914	151.249
SEFM	Processed fruits and vegetables	CWSR0000SEFM	UNADJUSTED INDEX	2019	152.402	155.286	156.068	154.847	156.436	157.055	156.382	155.838	155.674	155.484	153.420	154.009
SEFM	Processed fruits and vegetables	CWSR0000SEFM	UNADJUSTED INDEX	2020	155.989	156.370	156.986	161.175	162.921	163.745	163.717	163.056	163.167	161.850	160.410	161.473
SEFM	Processed fruits and vegetables	CWSR0000SEFM	UNADJUSTED INDEX	2021	162.271	162.370	163.327	164.932	165.816	165.553	165.999	165.923	165.374	166.840	165.518	167.899
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	SEASONALLY ADJUSTED INDEX	2017	158.402	159.174	159.527	157.760	157.560	157.369	156.671	157.384	156.997	146.025	142.222	140.501
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	SEASONALLY ADJUSTED INDEX	2018	158.774	156.337	155.567	157.630	157.463	157.287	157.021	158.994	160.022	158.395	157.485	159.316
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	SEASONALLY ADJUSTED INDEX	2019	159.664	162.784	164.489	162.503	164.153	163.902	162.008	163.251	163.802	164.032	162.818	163.518
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	SEASONALLY ADJUSTED INDEX	2020	163.334	162.939	163.659	168.679	168.679	168.679	168.679	168.679	169.131	169.131	171.622	171.622
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	SEASONALLY ADJUSTED INDEX	2021	171.714	171.714	171.714	171.714	171.714	171.714	171.714	171.714	171.714	171.714	171.714	171.714
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	SEASONAL FACTOR	2017	99.684	100.523	99.981	100.255	101.090	100.900	100.764	100.816	100.356	99.566	97.681	98.436
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	SEASONAL FACTOR	2018	99.680	100.497	100.019	100.263	101.076	100.872	100.737	100.731	100.339	99.572	97.755	98.508
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	SEASONAL FACTOR	2019	99.645	100.495	100.057	100.293	101.060	100.859	100.684	100.636	100.374	99.528	97.840	98.582
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	SEASONAL FACTOR	2020	99.601	100.450	100.012	100.240	101.009	100.800	100.620	100.388	100.120	99.270	97.584	98.648
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	SEASONAL FACTOR	2021	99.557	100.446	100.172	100.340	101.061	100.853	100.653	100.487	100.379	99.512	97.959	98.705
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	UNADJUSTED INDEX	2017	159.337	160.006	159.497	158.163	159.075	158.504	157.868	158.689	157.540	155.241	153.146	151.964
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	UNADJUSTED INDEX	2018	158.265	157.113	155.597	158.444	159.157	158.658	158.178	160.156	160.564	157.718	153.949	156.939
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	UNADJUSTED INDEX	2019	159.091	159.091	159.091	159.091	159.091	159.091	159.091	159.091	159.091	159.091	159.091	159.091
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	UNADJUSTED INDEX	2020	162.680	163.708	163.854	169.214	169.465	171.046	171.021	169.642	170.429	168.296	168.035	169.250
SEFM01	Canned fruits and vegetables	CWSR0000SEFM01	UNADJUSTED INDEX	2021	170.415	171.470	172.069	173.161	174.874	174.384	175.695	174.949	174.292	173.216	171.421	175.830
SEFM02	Frozen fruits and vegetables	CWSR0000SEFM02	SEASONALLY ADJUSTED INDEX	2017	145.605	144.894	146.095	145.170	146.034	146.813	145.790	146.227	144.975	145.869	143.864	144.880
SEFM02	Frozen fruits and vegetables	CWSR0000SEFM02	SEASONALLY ADJUSTED INDEX	2018	143.231	144.589	145.892	144.589	145.892	146.294	145.892	146.227	145.892	145.892	145.892	145.892
SEFM02	Frozen fruits and vegetables	CWSR0000SEFM02	SEASONALLY ADJUSTED INDEX	2019	140.101	141.700	142.439	139.823	139.652	141.113	141.349	139.898	140.122	140.967	142.487	142.167
SEFM02	Frozen fruits and vegetables	CWSR0000SEFM02	SEASONALLY ADJUSTED INDEX	2020	144.522	143.874	144.481	146.465	148.980	148.460	148.395	148.866	149.942	149.840	149.304	149.742
SEFM02	Frozen fruits and vegetables	CWSR0000SEFM02	SEASONALLY ADJUSTED INDEX	2021	149.913	148.846	149.271	149.688	150.011	149.380	150.112	151.270	151.377	152.048	150.387	157.135
SEFM02	Frozen fruits and vegetables	CWSR0000SEFM02	SEASONAL FACTOR	2017	99.173	99.472	99.644	100.762	100.516	101.080	101.122	100.885	100.015	100.107	98.858	98.358
SEFM02	Frozen fruits and vegetables	CWSR0000SEFM02	SEASONAL FACTOR	2018	99.173	99.472	99.644	100.762								

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SEFP	Beverage materials including coffee and tea	CWSR0000SEFP	UNADJUSTED INDEX	2018	117.372	117.207	117.133	117.099	116.956	116.496	117.337	117.332	116.697	117.097	115.532	116.763
SEFP	Beverage materials including coffee and tea	CWSR0000SEFP	UNADJUSTED INDEX	2019	116.861	116.623	116.139	116.918	117.062	117.240	117.286	117.359	116.736	116.402	116.728	115.337
SEFP	Beverage materials including coffee and tea	CWSR0000SEFP	UNADJUSTED INDEX	2020	116.115	117.024	117.237	116.556	116.810	118.210	119.059	118.331	116.720	116.824	116.824	116.119
SEFP	Beverage materials including coffee and tea	CWSR0000SEFP	UNADJUSTED INDEX	2021	119.345	118.998	118.929	119.288	119.688	120.686	120.125	121.814	122.220	123.490	122.784	122.776
SEFP01	Coffee	CWSR0000SEFP01	SEASONALLY ADJUSTED INDEX	2017	198.538	200.994	201.029	201.424	203.420	200.207	199.552	196.392	191.748	198.763	197.478	198.726
SEFP01	Coffee	CWSR0000SEFP01	SEASONALLY ADJUSTED INDEX	2018	196.057	195.753	196.419	194.610	195.147	194.088	195.223	194.934	195.116	196.703	195.332	196.286
SEFP01	Coffee	CWSR0000SEFP01	SEASONALLY ADJUSTED INDEX	2019	193.951	184.262	183.243	183.249	188.492	191.371	193.665	194.715	193.085	191.241	190.782	191.241
SEFP01	Coffee	CWSR0000SEFP01	SEASONALLY ADJUSTED INDEX	2020	192.039	192.706	194.354	195.552	194.007	196.100	194.610	194.380	194.534	196.803	193.661	195.095
SEFP01	Coffee	CWSR0000SEFP01	SEASONALLY ADJUSTED INDEX	2021	196.825	196.190	195.266	195.549	197.054	196.643	195.564	198.405	200.011	205.845	207.702	207.913
SEFP01	Coffee	CWSR0000SEFP01	SEASONAL FACTOR	2017	100.023	99.955	100.213	100.443	100.609	100.616	100.526	100.637	100.051	99.749	98.521	98.849
SEFP01	Coffee	CWSR0000SEFP01	SEASONAL FACTOR	2018	98.636	98.941	100.155	100.426	100.522	100.823	100.442	100.674	100.066	99.873	98.529	98.952
SEFP01	Coffee	CWSR0000SEFP01	SEASONAL FACTOR	2019	99.742	99.106	100.135	100.495	100.447	100.950	100.360	100.698	100.910	101.041	99.570	98.903
SEFP01	Coffee	CWSR0000SEFP01	SEASONAL FACTOR	2020	99.773	99.866	100.046	100.380	100.383	101.023	100.311	100.741	100.113	98.784	98.613	98.982
SEFP01	Coffee	CWSR0000SEFP01	SEASONAL FACTOR	2021	99.831	99.840	99.984	100.388	100.369	101.070	100.281	100.714	100.129	99.771	98.658	98.949
SEFP01	Coffee	CWSR0000SEFP01	UNADJUSTED INDEX	2017	198.584	200.904	201.456	202.316	204.658	201.440	200.601	197.644	198.916	198.264	194.557	197.428
SEFP01	Coffee	CWSR0000SEFP01	UNADJUSTED INDEX	2018	195.735	195.638	195.723	195.439	195.166	195.896	196.086	196.248	195.245	195.314	192.458	194.228
SEFP01	Coffee	CWSR0000SEFP01	UNADJUSTED INDEX	2019	194.565	194.082	193.549	193.980	193.807	196.220	194.363	196.076	193.261	192.488	193.159	188.867
SEFP01	Coffee	CWSR0000SEFP01	UNADJUSTED INDEX	2020	191.603	192.449	194.443	196.296	194.749	198.106	195.216	195.821	194.754	192.788	190.975	192.108
SEFP01	Coffee	CWSR0000SEFP01	UNADJUSTED INDEX	2021	196.492	195.875	195.235	196.309	197.781	198.748	198.114	199.822	200.271	205.373	204.915	205.727
SEFP01	Coffee	CWSR0000SEFP01	SEASONALLY ADJUSTED INDEX	2017	186.705	185.053	185.066	183.463	186.808	188.464	188.951	188.544	189.143	188.579	187.993	189.222
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	SEASONALLY ADJUSTED INDEX	2018	186.685	187.212	187.466	186.451	186.745	187.376	186.451	186.995	186.843	184.939	185.098	182.334
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	SEASONALLY ADJUSTED INDEX	2019	183.561	185.328	185.909	185.336	186.750	186.420	189.547	189.230	189.925	190.684	190.874	190.984
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	SEASONALLY ADJUSTED INDEX	2020	193.157	194.093	196.518	199.236	202.418	200.579	199.169	200.558	197.022	206.671	208.018	208.203
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	SEASONALLY ADJUSTED INDEX	2021	205.079	205.864	206.066	206.156	206.090	206.420	207.326	207.446	207.069	213.137	214.301	216.117
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	SEASONAL FACTOR	2017	100.328	100.220	99.624	100.293	100.786	100.769	100.966	101.140	101.322	100.080	97.663	96.997
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	SEASONAL FACTOR	2018	100.126	100.084	99.678	100.380	100.867	100.784	100.935	101.015	100.132	97.826	97.100	
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	SEASONAL FACTOR	2019	100.016	99.975	99.803	100.492	100.933	100.778	100.797	100.608	101.185	100.191	98.033	97.287
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	SEASONAL FACTOR	2020	99.901	99.738	100.117	100.270	100.358	100.692	100.309	100.970	100.970	100.970	97.500	
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	SEASONAL FACTOR	2021	99.840	100.024	100.025	100.719	101.030	100.610	100.538	100.084	100.756	100.360	98.402	97.674
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	UNADJUSTED INDEX	2017	187.317	186.461	184.371	184.000	188.277	189.914	190.777	190.694	191.643	188.730	183.599	183.540
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	UNADJUSTED INDEX	2018	189.925	187.368	186.863	187.160	188.845	188.195	190.769	190.088	185.184	180.857	177.046	
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	UNADJUSTED INDEX	2019	193.591	192.852	192.852	192.852	192.852	192.852	192.852	192.852	192.852	192.852	192.852	
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	UNADJUSTED INDEX	2020	192.974	194.066	196.394	200.453	204.412	201.945	205.546	201.160	200.908	203.243	204.304	202.999
SEFP01	Sugar and sugar substitutes	CWSR0000SEFP01	UNADJUSTED INDEX	2021	204.751	205.913	206.117	207.638	208.213	207.678	208.442	207.621	208.634	213.943	217.114	
SEFP03	Other sweets	CWSR0000SEFP03	SEASONALLY ADJUSTED INDEX	2017	152.206	153.881	154.506	154.084	154.680	154.454	154.661	154.564	154.216	154.314	155.313	153.096
SEFP03	Other sweets	CWSR0000SEFP03	SEASONALLY ADJUSTED INDEX	2018	154.326	154.146	153.400	153.095	151.422	151.593	151.424	149.858	152.144	149.575	153.137	149.858
SEFP03	Other sweets	CWSR0000SEFP03	SEASONALLY ADJUSTED INDEX	2019	150.313	151.207	153.653	151.025	151.650	151.165	151.053	152.202	151.521	151.521	152.834	152.834
SEFP03	Other sweets	CWSR0000SEFP03	SEASONALLY ADJUSTED INDEX	2020	154.070	152.273	152.808	152.961	156.438	156.267	156.029	155.968	153.476	155.615	155.633	156.963
SEFP03	Other sweets	CWSR0000SEFP03	SEASONALLY ADJUSTED INDEX	2021	155.511	155.779	156.643	157.133	157.789	156.552	158.888	159.858	161.197	160.948	160.180	165.206
SEFP03	Other sweets	CWSR0000SEFP03	SEASONAL FACTOR	2017	100.545	100.726	100.506	100.619	100.909	100.266	100.905	99.874	99.939	99.495	99.005	
SEFP03	Other sweets	CWSR0000SEFP03	SEASONAL FACTOR	2018	100.479	100.682	100.602	100.651	100.962	100.656	99.988	99.830	99.830	99.830	99.830	99.830
SEFP03	Other sweets	CWSR0000SEFP03	SEASONAL FACTOR	2019	100.390	100.617	100.650	100.654	99.901	100.110	99.946	99.696	99.921	99.767	99.917	99.914
SEFP03	Other sweets	CWSR0000SEFP03	SEASONAL FACTOR	2020	100.297	100.549	100.656	100.606	99.874	100.072	99.908	99.805	99.998	99.935	99.549	98.900
SEFP03	Other sweets	CWSR0000SEFP03	SEASONAL FACTOR	2021	100.223	100.451	100.621	100.566	99.800	100.062	99.902	99.872	100.050	100.050	99.534	98.941
SEFP03	Other sweets	CWSR0000SEFP03	UNADJUSTED INDEX	2017	153.033	152.988	153.033	152.988	153.033	152.988	153.033	152.988	153.033	152.988	153.033	152.988
SEFP03	Other sweets	CWSR0000SEFP03	UNADJUSTED INDEX	2018	155.066	155.212	154.324	154.091	151.365	151.845	151.406	149.304	151.937	148.940	149.467	148.126
SEFP03	Other sweets	CWSR0000SEFP03	UNADJUSTED INDEX	2019	150.900	152.139	154.652	152.023	150.901	151.331	150.971	151.739	151.933	152.773	150.871	150.871
SEFP03	Other sweets	CWSR0000SEFP03	UNADJUSTED INDEX	2020	154.527	153.109	153.810	153.888	156.240	156.300	155.885	155.663	153.473	155.844	154.931	155.236
SEFP03	Other sweets	CWSR0000SEFP03	UNADJUSTED INDEX	2021	150.851	150.851	150.851	150.851	150.851	150.851	150.851	150.851	150.851	150.851	150.851	150.851
SEFP03	Other sweets	CWSR0000SEFP03	UNADJUSTED INDEX	2022	155.033	155.033	155.033	155.033	155.033	155.033	155.033	155.033	155.033	155.033	155.033	155.033
SEFP3	Fats and oils	CWSR0000SEFP3	SEASONALLY ADJUSTED INDEX	2017	225.030	225.957	227.835	227.389	227.917	228.998	229.896	229.004	229.098	228.866	229.098	228.841
SEFP3	Fats and oils	CWSR0000SEFP3	SEASONALLY ADJUSTED INDEX	2018	228.703	229.564	228.506	229.453	228.031	227.938	228.551	228.962	228.492	228.396	228.984	228.484
SEFP3	Fats and oils	CWSR0000SEFP3	SEASONALLY ADJUSTED INDEX	2019	229.200	228.285	230.042	229.945	228.879	227.723	225.830	225.351	225.723	226.821	226.624	226.240
SEFP3	Fats and oils	CWSR0000SEFP3	SEASONALLY ADJUSTED INDEX	2020	228.260	230.864	230.064	229.296	232.764	232.605	228.786	230.163	229.009	231.193	231.049	228.887
SEFP3	Fats and oils	CWSR0000SEFP3	SEASONALLY ADJUSTED INDEX	2021	233.278	234.858	234.574	236.934	238.427	239.321	242.313	245.432	248.489	249.407	252.983	253.183
SEFP3	Fats and oils	CWSR0000SEFP3	SEASONAL FACTOR	2017	100.076	100.324	99.890	100.000	100.031	99.829	100.040	100.169	100.596	100.644	98.733	98.087
SEFP3	Fats and oils	CWSR0000SEFP3	SEASONAL FACTOR	2018	100.077	100.364	99.890	100.059	100.173	99.864	100.507	100.127	100.577	100.502	98.731	98.016
SEFP3	Fats and oils	CWSR0000SEFP3	SEASONAL FACTOR	2019	100.077	100.364	99.890	100.059	100.173	99.864	100.507	100.127	100.577	100.502	98.731	98.016
SEFP3	Fats and oils	CWSR0000SEFP3	SEASONAL FACTOR	2020	100.144	100.427	99.864	100.095	100.173	99.816	100.450	100.118	100.617	100.386	98.788	98.919
SEFP3	Fats and oils	CWSR0000SEFP3	SEASONAL FACTOR	2021	100.179	100.420	99.838	100.077	100.332	99.792	100.405	100.129	100.652	100.386	98.802	99.020
SEFP3	Fats and oils	CWSR0000SEFP3	UNADJUSTED INDEX	2017	225.201	226.690	227.584	227.389	229.088	228.605	230.977	229.391	230.464	230.339	226.191	226.751
SEFP3	Fats and oils	CWSR0000SEFP3	UNADJUSTED INDEX	2018	228.879	230.400	228.255	229.588	228.426	227.628	229.709	229				

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SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	SEASONALLY ADJUSTED INDEX	2019	162.385	163.892	161.879	162.823	161.719	162.401	161.988	161.481	160.271	162.527	162.319	160.795
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	SEASONALLY ADJUSTED INDEX	2020	163.088	164.753	164.840	167.436	169.807	168.379	168.632	169.868	168.475	168.450	167.334	168.440
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	SEASONALLY ADJUSTED INDEX	2021	251.980	252.604	251.129	253.132	253.312	250.257	251.720	252.574	251.705	252.527	251.705	252.476
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	SEASONAL FACTOR	2017	98.852	99.243	99.244	100.337	100.277	100.375	100.641	99.945	100.172	100.210	100.363	100.318
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	SEASONAL FACTOR	2018	98.875	99.302	99.259	100.344	100.237	100.306	100.614	99.952	100.156	100.210	100.405	100.328
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	SEASONAL FACTOR	2019	98.887	99.343	99.254	100.405	100.234	100.276	100.582	99.971	100.076	100.184	100.433	100.340
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	SEASONAL FACTOR	2020	98.878	99.343	99.254	100.405	100.234	100.276	100.582	99.971	100.076	100.184	100.433	100.340
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	SEASONAL FACTOR	2021	98.904	99.427	99.240	100.498	100.167	100.182	100.573	100.014	100.023	100.139	100.488	100.338
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	UNADJUSTED INDEX	2017	162.082	163.125	162.456	164.762	165.102	163.280	164.707	162.567	162.375	162.998	163.724	163.519
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	UNADJUSTED INDEX	2018	161.375	161.101	161.803	162.981	162.812	163.080	163.008	162.445	162.509	161.791	161.308	161.826
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	UNADJUSTED INDEX	2019	160.545	162.815	160.672	163.482	162.997	162.849	162.831	161.434	160.392	162.825	163.022	161.342
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	UNADJUSTED INDEX	2020	161.259	163.748	163.596	168.211	170.176	168.761	169.801	169.852	168.517	168.100	169.047	169.024
SEFT02	Frozen and freeze dried prepared foods	CWSR0000SEFT02	UNADJUSTED INDEX	2021	166.045	166.683	166.851	168.407	168.425	169.359	172.200	172.251	174.745	175.919	178.751	179.079
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	SEASONALLY ADJUSTED INDEX	2017	240.257	239.427	239.906	240.458	239.859	239.312	240.077	240.479	240.520	239.528	240.415	241.196
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	SEASONALLY ADJUSTED INDEX	2018	242.485	240.053	240.007	240.063	241.382	241.325	240.909	240.608	241.919	242.379	243.509	243.258
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	SEASONALLY ADJUSTED INDEX	2019	242.459	242.537	242.055	241.381	241.097	243.023	242.282	242.647	243.006	243.594	242.697	242.384
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	SEASONALLY ADJUSTED INDEX	2020	241.758	244.027	247.934	250.190	250.489	250.553	249.314	251.595	250.341	251.796	251.487	250.972
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	SEASONALLY ADJUSTED INDEX	2021	251.133	252.021	249.764	252.366	253.335	252.702	252.071	251.326	254.861	258.547	263.618	264.955
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	SEASONAL FACTOR	2017	100.461	100.540	100.522	100.101	99.857	100.027	100.175	100.438	100.812	99.896	98.705	98.410
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	SEASONAL FACTOR	2018	100.483	100.550	100.625	100.115	99.863	100.038	100.081	100.437	100.681	99.911	98.765	98.407
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	SEASONAL FACTOR	2019	100.450	100.590	100.707	100.142	99.921	100.011	100.006	100.455	100.547	99.915	98.812	98.400
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	SEASONAL FACTOR	2020	100.389	100.657	100.778	100.178	99.951	99.981	99.971	100.476	100.438	99.925	98.834	98.387
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	SEASONAL FACTOR	2021	100.341	100.698	100.810	100.221	99.991	99.954	99.960	100.499	100.366	99.925	98.822	98.396
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	UNADJUSTED INDEX	2017	241.364	240.720	241.158	240.702	239.517	239.377	240.498	241.531	242.473	239.276	237.201	237.322
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	UNADJUSTED INDEX	2018	243.655	241.374	241.507	240.338	241.052	241.041	241.205	241.659	243.566	242.182	240.502	239.421
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	UNADJUSTED INDEX	2019	243.550	243.968	244.773	241.725	240.907	243.050	242.296	243.750	244.334	243.718	239.813	238.507
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	UNADJUSTED INDEX	2020	242.698	245.631	248.862	250.636	250.366	250.506	249.242	252.791	251.436	251.607	248.555	248.942
SEFT04	Spices seasonings condiments sauces	CWSR0000SEFT04	UNADJUSTED INDEX	2021	251.980	252.604	251.129	253.132	253.312	250.257	251.720	252.574	251.705	252.527	251.705	252.476
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	SEASONALLY ADJUSTED INDEX	2017	132.175	131.926	132.266	131.936	132.564	132.129	131.669	131.145	132.179	131.879	131.898	131.824
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	SEASONALLY ADJUSTED INDEX	2018	131.534	132.536	131.732	131.759	131.359	131.002	131.758	131.690	131.408	131.256	131.892	131.665
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	SEASONALLY ADJUSTED INDEX	2019	131.923	131.444	131.518	131.812	131.468	132.234	131.411	132.240	132.748	132.739	133.093	134.721
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	SEASONALLY ADJUSTED INDEX	2020	132.459	242.537	242.055	241.381	241.097	243.023	242.282	242.647	243.006	243.594	242.697	242.384
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	SEASONALLY ADJUSTED INDEX	2021	139.344	139.003	138.784	138.053	138.645	139.198	140.647	141.052	142.986	144.514	144.880	145.658
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	SEASONAL FACTOR	2017	99.414	99.716	100.014	100.533	99.986	100.103	100.286	99.946	100.138	100.019	100.416	100.792
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	SEASONAL FACTOR	2018	99.343	99.711	100.005	100.607	99.920	100.135	100.242	99.649	99.568	99.560	100.433	100.831
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	SEASONAL FACTOR	2019	99.286	99.727	100.101	100.636	99.827	100.094	100.265	99.663	99.530	99.621	100.038	100.886
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	SEASONAL FACTOR	2020	99.286	99.727	100.101	100.636	99.827	100.094	100.265	99.663	99.530	99.621	100.038	100.886
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	SEASONAL FACTOR	2021	99.277	99.759	100.017	100.560	99.700	100.032	100.293	99.613	99.524	99.802	100.470	101.012
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	UNADJUSTED INDEX	2017	131.400	131.552	132.384	132.640	132.545	132.331	132.046	130.655	131.611	131.201	132.447	132.886
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	UNADJUSTED INDEX	2018	130.670	132.153	131.818	132.558	131.254	131.179	132.076	131.227	130.841	130.679	132.453	133.780
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	UNADJUSTED INDEX	2019	130.981	131.086	131.612	132.650	131.241	131.058	131.760	131.785	132.155	132.246	133.093	134.721
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	UNADJUSTED INDEX	2020	132.905	134.279	134.617	138.448	138.383	138.252	138.946	138.578	136.995	137.218	139.393	139.700
SEFT06	Other miscellaneous foods	CWSR0000SEFT06	UNADJUSTED INDEX	2021	138.336	138.668	138.807	138.826	138.229	139.242	141.000	140.505	142.325	144.227	145.561	147.132
SEFW	Alcoholic beverages at home	CWSR0000SEFW	SEASONALLY ADJUSTED INDEX	2017	208.080	207.560	207.967	208.653	208.151	207.587	207.954	208.397	209.268	209.595	210.201	209.941
SEFW	Alcoholic beverages at home	CWSR0000SEFW	SEASONALLY ADJUSTED INDEX	2018	209.443	209.966	210.066	210.233	209.811	210.263	210.139	211.009	211.095	211.699	212.765	212.682
SEFW	Alcoholic beverages at home	CWSR0000SEFW	SEASONALLY ADJUSTED INDEX	2019	212.975	214.381	213.220	212.302	213.503	214.385	215.060	215.376	214.560	214.502	213.664	214.175
SEFW	Alcoholic beverages at home	CWSR0000SEFW	SEASONALLY ADJUSTED INDEX	2020	214.897	218.266	217.433	220.027	221.041	219.823	220.243	219.872	219.263	220.612	222.177	221.213
SEFW	Alcoholic beverages at home	CWSR0000SEFW	SEASONALLY ADJUSTED INDEX	2021	221.177	221.162	221.223	221.028	223.005	224.079	224.883	225.637	225.814	224.994	224.653	224.504
SEFW	Alcoholic beverages at home	CWSR0000SEFW	SEASONAL FACTOR	2017	100.064	100.178	100.267	100.265	100.178	100.265	100.178	99.791	99.791	99.791	99.791	99.791
SEFW	Alcoholic beverages at home	CWSR0000SEFW	SEASONAL FACTOR	2018	100.064	100.178	100.267	100.265	100.178	100.265	100.178	99.791	99.791	99.791	99.791	99.791
SEFW	Alcoholic beverages at home	CWSR0000SEFW	SEASONAL FACTOR	2019	100.029	100.157	100.249	100.321	100.040	99.987	99.984	99.701	99.835	100.130	100.074	99.904
SEFW	Alcoholic beverages at home	CWSR0000SEFW	SEASONAL FACTOR	2020	100.007	100.139	100.239	100.338	99.994	99.995	99.835	99.716	99.865	100.099	100.062	99.790
SEFW	Alcoholic beverages at home	CWSR0000SEFW	SEASONAL FACTOR	2021	99.983	100.123	100.223	100.323	99.983	99.983	99.862	99.736	99.884	100.115	100.082	99.783
SEFW	Alcoholic beverages at home	CWSR0000SEFW	UNADJUSTED INDEX	2017	208.216	207.930	208.521	209.268	208.195	207.291	207.429	207.722	208.843	209.937	210.400	209.565
SEFW	Alcoholic beverages at home	CWSR0000SEFW	UNADJUSTED INDEX	2018	209.521	210.286	210.669	210.865	209.861	210.226	209.855	209.466	210.592	211.769	212.661	212.379
SEFW	Alcoholic beverages at home	CWSR0000SEFW	UNADJUSTED INDEX	2019	213.037	214.717	213.750	212.983	213.511	214.165	214.638	214.732	214.006	214.713	213.823	213.743
SEFW	Alcoholic beverages at home	CWSR0000SEFW	UNADJUSTED INDEX	2020	214.911	218.633	217.983	220.266	221.282	220.266	218.967	218.967	218.967	218.967	218.967	218.967
SEFW	Alcoholic beverages at home	CWSR0000SEFW	UNADJUSTED INDEX	2021	221.138	221.444	221.832	222.968	223.974	224.534	225.042	225.553	224.752	224.752	224.752	224.752
SEFW01	Beer, ale, and other malt beverages at home	CWSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2017	223.585	223.043	223.393	224.927	224.911	223.807	224.103	224.904	226.456	226.171	226.935	226.544
SEFW01	Beer, ale, and other malt beverages at home	CWSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2018	225.770	226.261	226.850	228.897	226.919	227.993	227.207	227.563	228.927	229.638	230.676	231.070
SEFW01	Beer, ale, and other malt beverages at home	CWSR0000SEFW01	SEASONALLY ADJUSTED INDEX	2019	231.322	232.461	231.026	230.100	230.351	231.871	233.278	233.693	232.			

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SEHC	Owners' equivalent rent of residences	CWSR0000SEHC	SEASONAL FACTOR	2020	100.051	100.026	99.997	99.963	99.929	99.950	99.957	99.988	99.981	100.035	100.067	100.043
SEHC	Owners' equivalent rent of residences	CWSR0000SEHC	SEASONAL FACTOR	2021	100.048	100.029	100.006	99.967	99.936	99.954	99.959	99.983	99.976	100.030	100.062	100.041
SEHC	Owners' equivalent rent of residences	CWSR0000SEHC	SEASONAL FACTOR	2017	101.963	102.491	102.306	102.372	102.735	103.487	103.717	103.472	103.271	103.211	103.273	103.075
SEHC	Owners' equivalent rent of residences	CWSR0000SEHC	UNADJUSTED INDEX	2018	280.680	281.051	281.804	282.568	283.211	283.924	284.750	285.664	286.308	287.261	288.276	288.894
SEHC	Owners' equivalent rent of residences	CWSR0000SEHC	UNADJUSTED INDEX	2019	289.592	290.353	291.120	291.979	292.638	293.620	294.765	295.166	296.043	296.783	297.610	298.390
SEHC	Owners' equivalent rent of residences	CWSR0000SEHC	UNADJUSTED INDEX	2020	299.267	299.879	300.514	300.956	301.573	301.899	302.538	303.095	303.374	304.136	304.390	304.817
SEHC	Owners' equivalent rent of residences	CWSR0000SEHC	UNADJUSTED INDEX	2021	305.344	305.265	305.884	306.120	306.522	306.961	307.180	307.940	312.287	315.281	316.191	316.494
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	SEASONALLY ADJUSTED INDEX	2017	271.783	272.458	273.031	273.548	274.142	274.807	275.609	276.506	277.273	278.128	278.865	279.820
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	SEASONALLY ADJUSTED INDEX	2018	280.521	281.016	281.900	282.747	283.496	284.311	284.927	285.709	286.328	287.138	288.054	288.752
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	SEASONALLY ADJUSTED INDEX	2019	289.448	290.314	291.192	292.139	292.902	293.821	294.536	295.221	296.096	296.684	297.472	298.271
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	SEASONALLY ADJUSTED INDEX	2020	299.145	299.833	300.557	301.101	301.819	302.079	302.698	303.158	303.456	304.055	304.208	304.771
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	SEASONALLY ADJUSTED INDEX	2021	305.187	305.917	306.574	306.957	308.234	309.258	310.146	311.016	312.360	315.107	316.176	317.177
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	SEASONAL FACTOR	2017	100.067	100.013	99.965	99.936	99.899	99.929	99.941	99.958	100.013	100.061	100.097	100.067
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	SEASONAL FACTOR	2018	100.063	100.019	99.973	99.945	99.907	99.936	99.946	99.992	100.002	100.052	100.086	100.058
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	SEASONAL FACTOR	2019	100.059	100.023	99.984	99.955	99.920	99.941	99.952	99.991	99.989	100.043	100.077	100.050
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	SEASONAL FACTOR	2020	100.051	100.026	99.997	99.962	99.929	99.950	99.958	99.987	99.982	100.055	100.088	100.043
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	SEASONAL FACTOR	2021	100.048	100.028	100.005	99.967	99.936	99.954	99.959	99.983	99.976	100.032	100.063	100.041
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	UNADJUSTED INDEX	2017	271.965	272.494	272.934	273.374	273.865	274.701	275.448	276.489	277.329	278.294	279.137	280.008
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	UNADJUSTED INDEX	2018	289.697	281.070	281.824	282.592	283.234	283.949	284.773	285.687	286.334	287.287	288.301	288.920
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	UNADJUSTED INDEX	2019	289.618	290.380	291.147	292.007	292.667	293.648	294.394	295.196	296.074	296.812	297.700	298.420
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	UNADJUSTED INDEX	2020	299.297	299.910	300.547	300.988	301.604	301.927	302.563	303.120	303.400	304.163	304.314	304.844
SEHC01	Owners' equivalent rent of primary residence	CWSR0000SEHC01	UNADJUSTED INDEX	2021	305.333	306.003	306.590	307.155	308.037	309.115	310.020	310.963	312.306	313.783	315.310	316.507
SEHE	Fuel oil and other fuels	CWSR0000SEHE	SEASONALLY ADJUSTED INDEX	2017	245.468	248.880	246.319	248.504	244.735	242.055	237.408	246.546	252.928	256.704	265.612	271.733
SEHE	Fuel oil and other fuels	CWSR0000SEHE	SEASONALLY ADJUSTED INDEX	2018	281.326	281.835	279.959	284.970	285.767	281.256	290.949	297.896	299.288	302.783	291.522	275.080
SEHE	Fuel oil and other fuels	CWSR0000SEHE	SEASONALLY ADJUSTED INDEX	2019	263.780	274.044	278.051	281.055	282.676	273.743	275.865	275.376	274.801	275.723	272.834	280.836
SEHE	Fuel oil and other fuels	CWSR0000SEHE	SEASONALLY ADJUSTED INDEX	2020	271.989	261.975	237.743	216.115	209.174	218.867	223.814	228.608	224.686	222.959	225.231	242.524
SEHE	Fuel oil and other fuels	CWSR0000SEHE	SEASONALLY ADJUSTED INDEX	2021	254.444	281.554	286.752	281.963	287.788	295.308	299.662	302.154	316.836	341.708	344.113	343.274
SEHE	Fuel oil and other fuels	CWSR0000SEHE	SEASONAL FACTOR	2017	101.983	102.492	102.306	102.372	102.735	103.487	103.717	103.472	103.271	103.211	103.273	103.075
SEHE	Fuel oil and other fuels	CWSR0000SEHE	SEASONAL FACTOR	2018	103.903	102.710	102.065	100.831	99.956	98.282	97.941	96.442	97.659	99.108	100.389	101.878
SEHE	Fuel oil and other fuels	CWSR0000SEHE	SEASONAL FACTOR	2019	104.392	102.967	102.084	100.649	98.915	98.232	97.841	96.452	97.385	99.096	101.168	100.667
SEHE	Fuel oil and other fuels	CWSR0000SEHE	SEASONAL FACTOR	2020	104.480	103.175	102.534	100.447	98.682	98.223	97.792	96.286	96.958	99.203	101.275	100.928
SEHE	Fuel oil and other fuels	CWSR0000SEHE	SEASONAL FACTOR	2021	104.392	102.967	102.084	100.649	98.915	98.232	97.841	96.452	97.385	99.096	101.168	100.667
SEHE	Fuel oil and other fuels	CWSR0000SEHE	UNADJUSTED INDEX	2017	253.038	255.207	252.000	250.596	244.087	237.448	233.057	237.764	250.615	254.409	267.262	273.023
SEHE	Fuel oil and other fuels	CWSR0000SEHE	UNADJUSTED INDEX	2018	292.307	289.473	285.740	287.337	283.925	286.252	289.599	287.298	282.582	300.081	294.204	276.678
SEHE	Fuel oil and other fuels	CWSR0000SEHE	UNADJUSTED INDEX	2019	275.366	282.174	283.845	282.880	279.610	268.902	269.809	265.606	267.615	273.218	278.020	282.713
SEHE	Fuel oil and other fuels	CWSR0000SEHE	UNADJUSTED INDEX	2020	284.175	270.294	243.768	217.081	206.418	214.977	218.917	221.080	217.851	221.183	228.102	244.777
SEHE	Fuel oil and other fuels	CWSR0000SEHE	UNADJUSTED INDEX	2021	295.629	291.009	284.941	282.662	283.535	280.467	283.171	290.183	300.947	338.943	349.401	347.277
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	SEASONALLY ADJUSTED INDEX	2017	302.020	306.190	305.365	309.131	309.505	309.195	308.620	310.291	316.672	317.158	323.581	325.241
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	SEASONALLY ADJUSTED INDEX	2018	329.154	327.000	328.656	331.967	333.939	336.316	332.342	340.819	342.460	348.308	353.591	328.943
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	SEASONALLY ADJUSTED INDEX	2019	320.820	320.641	324.654	326.159	327.016	321.152	323.416	321.630	318.679	315.213	315.391	321.067
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	SEASONALLY ADJUSTED INDEX	2020	310.732	309.828	306.228	301.470	303.265	308.082	305.574	306.533	307.762	308.168	311.466	305.405
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	SEASONALLY ADJUSTED INDEX	2021	340.509	365.715	363.510	356.755	360.755	370.856	381.485	386.393	410.183	438.696	453.623	441.151
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	SEASONAL FACTOR	2017	104.169	104.637	103.354	101.446	98.834	96.999	95.613	96.209	97.162	98.302	100.846	101.893
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	SEASONAL FACTOR	2018	104.342	104.793	103.667	101.347	98.763	97.157	95.716	96.119	96.954	98.164	100.641	101.817
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	SEASONAL FACTOR	2019	104.793	104.637	103.667	101.347	98.763	97.157	95.716	96.119	96.954	98.164	100.641	101.817
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	SEASONAL FACTOR	2020	104.796	105.420	104.503	101.066	98.410	97.209	95.789	95.865	96.463	98.063	100.272	101.784
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	SEASONAL FACTOR	2021	104.952	105.748	104.809	100.952	98.224	97.212	95.819	95.737	96.250	98.078	100.152	101.781
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	UNADJUSTED INDEX	2017	314.611	320.388	315.606	313.601	305.897	291.917	295.206	298.527	307.683	312.928	326.319	331.399
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	UNADJUSTED INDEX	2018	342.441	342.617	340.746	336.471	340.746	336.471	340.746	336.471	340.746	336.471	340.746	336.471
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	UNADJUSTED INDEX	2019	325.629	336.982	337.884	329.943	322.437	311.331	309.738	308.776	308.382	312.928	316.728	323.773
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	UNADJUSTED INDEX	2020	325.634	326.620	320.019	304.684	298.442	300.346	295.109	292.938	294.726	301.800	308.002	317.024
SEHE02	Propane, kerosene, and firewood	CWSR0000SEHE02	UNADJUSTED INDEX	2021	357.371	386.737	380.990	360.990	354.348	360.518	365.393	369.922	394.803	430.264	456.284	408.408
SEHF	Energy services	CWSR0000SEHF	SEASONALLY ADJUSTED INDEX	2017	202.425	202.127	202.994	203.928	204.969	205.198	205.198	205.198	205.198	205.198	205.198	205.198
SEHF	Energy services	CWSR0000SEHF	SEASONALLY ADJUSTED INDEX	2018	201.417	203.933	203.422	202.824	203.543	202.488	201.831	202.954	200.818	201.990	202.017	205.512
SEHF	Energy services	CWSR0000SEHF	SEASONALLY ADJUSTED INDEX	2019	204.145	202.588	203.192	202.560	201.953	201.623	201.857	201.595	201.032	202.162	203.358	202.425
SEHF	Energy services	CWSR0000SEHF	SEASONALLY ADJUSTED INDEX	2020	202.803	202.164	201.808	201.593	201.513	202.038	201.854	201.783	204.093	204.574	206.219	207.343
SEHF	Energy services	CWSR0000SEHF	SEASONALLY ADJUSTED INDEX	2021	206.629	209.231	210.868	210.868	210.868	210.868	210.868	210.868	210.868	210.868	210.868	210.868
SEHF	Energy services	CWSR0000SEHF	SEASONAL FACTOR	2017	99.295	99.295	98.716	98.716	98.716	98.716	98.716	98.716	98.716	98.716	98.716	98.716
SEHF	Energy services	CWSR0000SEHF	SEASONAL FACTOR	2018	99.369	99.377	98.929	98.555	99.512	102.069	102.098	101.878	101.472	99.467	98.592	98.637
SEHF	Energy services	CWSR0000SEHF	SEASONAL FACTOR	2019	99.507	99.494	99.038	98.731	99.487	101.770	101.868	101.599	101.249	99.652	98.898	98.815
SEHF	Energy services	CWSR0000SEHF	SEASONAL FACTOR	2020	99.540	99.571	99.071	98.876	99.452	101.533	101.626	101.381	101.091	99.847	99.196	99.017

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SEHJ03	Other furn	CWSR0000SEHJ03	UNADJUSTED INDEX	2021	72.313	74.213	75.166	76.168	77.240	77.978	76.499	77.263	78.081	79.649	80.313	81.749
SEHK	Appliances	CWSR0000SEHK	SEASONALLY ADJUSTED INDEX	2017	74.770	74.886	75.284	74.407	74.667	73.724	73.959	74.309	73.887	73.689	72.743	73.595
SEHK	Appliances	CWSR0000SEHK	SEASONALLY ADJUSTED INDEX	2018	72.421	72.191	72.236	72.564	72.532	72.471	72.567	72.421	72.367	72.374	72.378	72.471
SEHK	Appliances	CWSR0000SEHK	SEASONALLY ADJUSTED INDEX	2019	78.724	77.925	77.513	77.632	77.333	77.152	76.655	76.336	77.012	76.501	76.781	76.611
SEHK	Appliances	CWSR0000SEHK	SEASONALLY ADJUSTED INDEX	2020	76.229	77.038	77.371	78.096	78.179	79.191	80.169	81.967	80.860	81.758	83.747	82.802
SEHK	Appliances	CWSR0000SEHK	SEASONALLY ADJUSTED INDEX	2021	82.086	83.458	84.306	83.858	84.537	84.820	85.189	86.077	86.732	87.361	87.686	88.341
SEHK	Appliances	CWSR0000SEHK	SEASONAL FACTOR	2018	100.263	100.263	99.730	100.695	100.632	100.533	100.170	100.061	100.658	100.258	98.486	98.434
SEHK	Appliances	CWSR0000SEHK	SEASONAL FACTOR	2019	100.149	100.191	99.639	100.707	100.530	100.534	100.195	100.170	100.707	100.244	98.527	98.526
SEHK	Appliances	CWSR0000SEHK	SEASONAL FACTOR	2020	100.117	100.121	99.641	100.671	100.428	100.562	100.157	100.245	100.786	100.208	98.584	98.581
SEHK	Appliances	CWSR0000SEHK	UNADJUSTED INDEX	2021	100.092	100.077	99.670	100.627	100.324	100.599	100.151	100.303	100.797	100.168	98.633	98.619
SEHK	Appliances	CWSR0000SEHK	UNADJUSTED INDEX	2017	74.920	75.177	75.192	74.930	75.170	74.096	73.458	74.268	73.741	73.818	72.442	72.442
SEHK	Appliances	CWSR0000SEHK	UNADJUSTED INDEX	2018	73.556	72.403	73.055	75.132	75.382	75.656	76.551	76.434	76.876	77.723	76.182	76.298
SEHK	Appliances	CWSR0000SEHK	UNADJUSTED INDEX	2019	78.841	78.074	77.233	78.181	77.743	77.564	76.804	76.473	77.557	76.687	75.650	75.482
SEHK	Appliances	CWSR0000SEHK	UNADJUSTED INDEX	2020	76.318	77.131	77.094	78.620	78.514	79.536	80.295	82.198	81.495	81.928	82.167	81.627
SEHK	Appliances	CWSR0000SEHK	UNADJUSTED INDEX	2021	82.161	83.517	84.328	83.384	84.811	85.328	85.518	86.337	87.424	87.368	88.487	87.121
SEHK01	Major appliances	CWSR0000SEHK01	SEASONALLY ADJUSTED INDEX	2017	82.180	81.646	81.596	80.380	80.666	78.696	78.355	79.289	78.919	79.059	77.705	79.296
SEHK01	Major appliances	CWSR0000SEHK01	SEASONALLY ADJUSTED INDEX	2018	79.611	77.986	78.148	81.338	82.317	83.004	84.864	84.786	84.500	85.181	85.816	86.594
SEHK01	Major appliances	CWSR0000SEHK01	SEASONALLY ADJUSTED INDEX	2019	87.265	86.637	84.888	85.604	85.841	84.720	83.123	82.987	83.952	81.878	81.497	80.188
SEHK01	Major appliances	CWSR0000SEHK01	SEASONALLY ADJUSTED INDEX	2020	80.253	84.043	83.951	84.812	84.704	85.327	86.910	92.007	91.005	93.888	96.375	93.869
SEHK01	Major appliances	CWSR0000SEHK01	SEASONALLY ADJUSTED INDEX	2021	93.796	94.851	95.845	95.305	95.761	97.734	98.261	99.445	99.904	99.900	101.778	102.404
SEHK01	Major appliances	CWSR0000SEHK01	SEASONAL FACTOR	2017	101.168	99.757	100.405	101.376	101.228	100.485	100.393	99.655	100.268	100.005	96.934	96.614
SEHK01	Major appliances	CWSR0000SEHK01	SEASONAL FACTOR	2018	101.232	99.568	100.113	101.436	101.332	100.573	100.366	99.941	100.219	99.854	96.926	96.515
SEHK01	Major appliances	CWSR0000SEHK01	SEASONAL FACTOR	2019	101.095	99.469	99.941	101.480	101.246	100.659	100.811	100.161	100.130	99.715	97.076	98.327
SEHK01	Major appliances	CWSR0000SEHK01	SEASONAL FACTOR	2020	100.849	99.536	99.847	101.444	101.104	100.802	101.039	100.339	100.135	99.580	97.290	98.163
SEHK01	Major appliances	CWSR0000SEHK01	SEASONAL FACTOR	2021	100.595	99.612	99.847	101.408	100.929	100.911	101.206	100.392	100.141	99.523	97.475	98.051
SEHK01	Major appliances	CWSR0000SEHK01	UNADJUSTED INDEX	2017	83.140	81.448	81.928	81.486	81.049	79.078	78.382	79.016	79.130	79.603	75.323	75.237
SEHK01	Major appliances	CWSR0000SEHK01	UNADJUSTED INDEX	2018	80.557	82.490	82.557	80.602	80.743	78.629	78.175	78.628	78.468	78.553	76.308	76.308
SEHK01	Major appliances	CWSR0000SEHK01	UNADJUSTED INDEX	2019	88.220	86.177	84.838	86.871	86.911	85.278	83.787	83.120	84.061	81.965	79.114	78.827
SEHK01	Major appliances	CWSR0000SEHK01	UNADJUSTED INDEX	2020	80.934	83.653	83.823	86.037	85.639	86.012	87.712	92.319	91.128	93.944	93.763	92.144
SEHK01	Major appliances	CWSR0000SEHK01	UNADJUSTED INDEX	2021	94.354	94.483	95.698	96.647	96.650	96.824	99.448	99.834	100.044	99.919	99.208	100.049
SEHL	Other household equipment and furnishings	CWSR0000SEHL	SEASONALLY ADJUSTED INDEX	2017	52.545	52.545	52.545	52.545	52.545	52.545	52.545	52.545	52.545	52.545	52.545	52.545
SEHL	Other household equipment and furnishings	CWSR0000SEHL	SEASONALLY ADJUSTED INDEX	2018	53.352	53.323	53.553	53.627	53.525	52.690	52.628	52.365	52.172	52.603	52.944	52.515
SEHL	Other household equipment and furnishings	CWSR0000SEHL	SEASONALLY ADJUSTED INDEX	2019	52.260	52.741	52.438	51.889	52.082	52.310	52.017	52.173	52.165	52.572	52.267	52.058
SEHL	Other household equipment and furnishings	CWSR0000SEHL	SEASONALLY ADJUSTED INDEX	2020	52.000	51.008	51.266	52.161	52.058	52.464	52.891	53.696	53.040	52.385	52.317	52.541
SEHL	Other household equipment and furnishings	CWSR0000SEHL	SEASONALLY ADJUSTED INDEX	2021	52.477	52.480	52.421	52.682	52.717	52.537	52.476	53.013	53.019	52.168	53.456	54.486
SEHL	Other household equipment and furnishings	CWSR0000SEHL	SEASONAL FACTOR	2017	100.526	101.201	101.513	100.561	100.569	100.478	100.478	99.478	99.478	99.478	99.478	99.478
SEHL	Other household equipment and furnishings	CWSR0000SEHL	SEASONAL FACTOR	2018	100.088	101.267	100.918	100.586	100.701	100.111	99.394	98.839	99.381	100.155	99.949	98.599
SEHL	Other household equipment and furnishings	CWSR0000SEHL	SEASONAL FACTOR	2019	100.228	101.276	100.818	100.603	100.696	100.082	99.356	98.804	99.361	100.075	100.021	98.715
SEHL	Other household equipment and furnishings	CWSR0000SEHL	SEASONAL FACTOR	2020	100.368	101.273	100.670	100.567	100.564	100.092	99.309	98.803	99.434	100.037	99.983	98.836
SEHL	Other household equipment and furnishings	CWSR0000SEHL	SEASONAL FACTOR	2021	93.139	93.596	93.349	94.677	96.643	96.881	94.004	93.200	98.884	99.592	99.016	98.917
SEHL	Other household equipment and furnishings	CWSR0000SEHL	UNADJUSTED INDEX	2017	57.584	57.581	57.215	56.208	55.964	56.277	54.908	54.053	53.341	53.209	53.746	53.552
SEHL	Other household equipment and furnishings	CWSR0000SEHL	UNADJUSTED INDEX	2018	53.399	53.999	54.404	53.941	53.900	52.749	52.309	51.579	51.849	52.684	52.917	51.779
SEHL	Other household equipment and furnishings	CWSR0000SEHL	UNADJUSTED INDEX	2019	52.379	53.414	52.867	52.202	52.444	52.353	51.682	51.549	51.832	52.521	52.278	51.599
SEHL	Other household equipment and furnishings	CWSR0000SEHL	UNADJUSTED INDEX	2020	52.189	52.490	52.657	52.647	52.647	52.647	52.647	52.647	52.647	52.647	52.647	52.647
SEHL	Other household equipment and furnishings	CWSR0000SEHL	UNADJUSTED INDEX	2021	52.753	53.110	52.690	52.977	53.039	52.592	52.109	52.044	52.770	53.151	53.403	53.894
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	SEASONALLY ADJUSTED INDEX	2017	133.797	133.186	134.335	134.196	133.824	134.541	134.614	134.635	132.662	132.133	133.487	135.478
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	SEASONALLY ADJUSTED INDEX	2018	134.052	136.449	137.465	136.320	137.337	135.282	135.823	136.830	137.311	137.009	135.486	136.167
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	SEASONALLY ADJUSTED INDEX	2019	136.161	136.914	136.711	136.351	136.711	136.711	136.711	136.711	136.711	136.711	136.711	136.711
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	SEASONALLY ADJUSTED INDEX	2020	135.219	133.060	136.364	139.488	139.737	139.713	141.147	139.896	141.928	142.777	141.526	143.698
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	SEASONALLY ADJUSTED INDEX	2021	146.311	145.556	145.754	145.579	145.968	145.800	146.341	148.324	146.597	148.171	149.784	149.916
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	SEASONAL FACTOR	2017	99.695	102.530	101.952	99.617	100.745	100.688	99.100	98.200	98.983	99.363	99.269	99.901
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	SEASONAL FACTOR	2018	99.657	102.490	101.957	99.617	100.745	100.688	99.100	98.200	98.983	99.363	99.269	99.901
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	SEASONAL FACTOR	2019	99.557	102.475	102.014	99.566	100.713	100.699	99.219	98.333	98.976	99.354	99.199	99.914
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	SEASONAL FACTOR	2020	99.470	102.433	102.062	99.547	100.700	100.708	99.318	98.426	98.952	99.356	99.158	99.940
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	SEASONAL FACTOR	2021	99.378	102.377	102.071	99.535	100.707	100.709	99.385	98.511	98.930	99.353	99.158	99.963
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	UNADJUSTED INDEX	2017	133.381	133.381	133.381	133.381	133.381	133.381	133.381	133.381	133.381	133.381	133.381	133.381
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	UNADJUSTED INDEX	2018	133.593	138.822	140.156	135.777	138.755	136.220	134.639	134.469	135.889	136.325	134.493	136.061
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	UNADJUSTED INDEX	2019	135.562	139.943	139.075	136.157	137.524	138.944	137.623	135.558	135.795	136.143	135.860	136.350
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	UNADJUSTED INDEX	2020	134.503	136.298	139.176	138.856	139.568	140.702	140.180	137.695	140.401	141.808	140.340	134.612
SEHL02	Indoor plants and flowers	CWSR0000SEHL02	UNADJUSTED INDEX	2021	145.400	149.016	148.773	144.902	144.900	146.834	145.442	146.115	145.029	147.213	148.523	148.858
SEHM	Tools, hardware, outdoor equipment and supplies	CWSR0000SEHM	SEASONALLY ADJUSTED INDEX	2017	91.240	91.240	91.240	91.240	91.240	91.240	91.240	91.240	91.240	91.240	91.240	91.240
SEHM	Tools, hardware, outdoor equipment and supplies	CWSR0000SEHM	SEASONALLY ADJUSTED INDEX	2018	91.130	91.437	92.024	92.341	91.127	91.253	91.451	91.244	91.104	90.919	90.212	90.929
SEHM	Tools, hardware, outdoor equipment and supplies	CWSR0000SEHM	SEASONALLY ADJUSTED INDEX	2019	92.022	93.030	92.475	92.118	91.548	91.561	92.087	93.051	93.550	92.862	91.037	91.602
SEHM	Tools, hardware, outdoor equipment and supplies	CWSR0000SEHM	SEASONALLY ADJUSTED INDEX	2020	92.264	92.741	92.639	93.301	93.364	93.9						

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SEMD01	Hospital services	CWSR0000SEMD01	SEASONAL FACTOR	2017	100.095	100.670	100.424	100.411	100.167	99.880	99.835	99.645	99.703	99.928	99.816	99.498
SEMD01	Hospital services	CWSR0000SEMD01	SEASONAL FACTOR	2018	100.169	100.585	100.407	100.330	100.081	99.861	99.848	99.755	99.721	100.000	99.823	99.487
SEMD01	Hospital services	CWSR0000SEMD01	SEASONAL FACTOR	2019	100.751	100.447	100.340	100.361	100.107	99.835	99.821	99.636	99.738	100.042	99.852	99.500
SEMD01	Hospital services	CWSR0000SEMD01	SEASONAL FACTOR	2020	100.269	100.419	100.395	100.232	99.993	99.791	99.864	99.903	99.749	100.107	99.829	99.486
SEMD01	Hospital services	CWSR0000SEMD01	SEASONAL FACTOR	2021	100.285	100.385	100.377	100.217	99.998	99.758	99.855	99.935	99.771	100.140	99.822	99.477
SEMD01	Hospital services	CWSR0000SEMD01	UNADJUSTED INDEX	2017	310.159	314.876	315.213	317.790	317.361	318.874	319.783	319.944	320.761	322.577	322.903	321.104
SEMD01	Hospital services	CWSR0000SEMD01	UNADJUSTED INDEX	2018	328.411	330.349	330.512	331.750	331.217	330.097	330.436	332.262	332.978	332.483	333.740	333.973
SEMD01	Hospital services	CWSR0000SEMD01	UNADJUSTED INDEX	2019	335.156	335.519	335.818	333.794	334.809	334.085	335.715	338.789	338.447	343.706	344.321	341.128
SEMD01	Hospital services	CWSR0000SEMD01	UNADJUSTED INDEX	2020	348.488	350.165	350.926	352.201	352.192	352.742	353.207	354.361	354.556	358.273	354.209	356.292
SEMD01	Hospital services	CWSR0000SEMD01	UNADJUSTED INDEX	2021	358.208	358.700	360.394	360.751	360.602	360.729	363.128	365.961	366.025	368.979	367.519	364.968
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	SEASONALLY ADJUSTED INDEX	2017	231.987	232.183	232.772	233.203	233.371	234.509	235.127	235.051	235.357	236.799	237.023	237.374
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	SEASONALLY ADJUSTED INDEX	2018	227.938	228.913	229.295	229.717	240.500	241.266	241.955	243.083	243.438	245.433	244.841	245.408
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	SEASONALLY ADJUSTED INDEX	2019	240.011	246.297	246.987	249.471	248.137	248.853	249.194	249.620	250.641	251.177	251.770	252.190
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	SEASONALLY ADJUSTED INDEX	2020	252.472	252.879	253.425	254.236	254.702	255.106	256.026	257.148	257.929	259.468	259.605	259.605
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	SEASONALLY ADJUSTED INDEX	2021	259.764	260.675	261.605	262.346	262.697	263.356	264.098	264.662	265.702	266.389	266.728	267.427
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	SEASONAL FACTOR	2018	100.005	100.407	100.347	100.291	100.257	100.103	99.902	99.868	99.933	99.727	99.644	99.484
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	SEASONAL FACTOR	2019	100.014	100.379	100.334	100.282	100.229	100.097	99.897	99.939	99.941	99.779	99.667	99.493
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	SEASONAL FACTOR	2020	100.014	100.354	100.324	100.278	100.208	100.073	99.889	99.933	99.945	99.821	99.686	99.518
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	SEASONAL FACTOR	2021	100.022	100.325	100.319	100.278	100.183	100.057	99.888	99.919	99.954	99.849	99.700	99.535
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	UNADJUSTED INDEX	2017	100.029	100.304	100.309	100.287	100.170	100.039	99.891	99.921	99.955	99.854	99.706	99.547
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	UNADJUSTED INDEX	2018	232.005	233.128	233.579	233.881	233.970	234.751	234.895	234.976	235.139	236.152	236.180	236.102
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	UNADJUSTED INDEX	2019	237.971	239.819	240.095	240.393	241.482	241.531	241.707	242.941	243.295	244.034	244.033	244.163
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	UNADJUSTED INDEX	2020	246.046	247.168	247.787	248.179	248.652	249.034	248.918	249.454	250.503	250.727	250.920	250.974
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	UNADJUSTED INDEX	2021	252.528	253.700	254.233	254.944	255.167	255.978	256.678	257.029	257.539	258.183	258.288	258.399
SEMD02	Nursing homes and adult day services	CWSR0000SEMD02	UNADJUSTED INDEX	2022	259.839	261.468	262.414	263.098	263.142	263.459	263.810	264.453	265.583	266.001	265.943	266.217
SERA	Video and audio	CWSR0000SERA	SEASONALLY ADJUSTED INDEX	2017	103.735	104.364	104.767	105.306	105.800	106.098	106.346	106.627	106.898	106.913	106.931	106.224
SERA	Video and audio	CWSR0000SERA	SEASONALLY ADJUSTED INDEX	2018	106.253	106.141	106.043	105.919	105.878	105.856	105.730	105.819	105.155	105.083	105.161	105.067
SERA	Video and audio	CWSR0000SERA	SEASONALLY ADJUSTED INDEX	2019	106.751	106.647	106.540	106.361	106.307	106.324	106.135	106.307	105.626	105.613	105.613	105.613
SERA	Video and audio	CWSR0000SERA	SEASONALLY ADJUSTED INDEX	2020	108.254	107.954	108.225	108.532	108.680	108.381	109.232	109.821	110.077	110.348	110.316	110.046
SERA	Video and audio	CWSR0000SERA	SEASONALLY ADJUSTED INDEX	2021	110.798	111.217	111.572	111.929	112.176	113.011	113.466	113.981	114.163	114.061	113.893	113.449
SERA	Video and audio	CWSR0000SERA	SEASONAL FACTOR	2017	99.499	100.308	100.774	100.537	100.305	100.287	100.141	99.874	99.812	99.931	99.653	99.428
SERA	Video and audio	CWSR0000SERA	SEASONAL FACTOR	2018	99.529	100.308	100.774	100.537	100.305	100.287	100.141	99.874	99.812	99.931	99.653	99.428
SERA	Video and audio	CWSR0000SERA	SEASONAL FACTOR	2019	99.548	100.338	100.528	100.215	100.056	99.935	100.052	100.057	100.085	99.973	99.854	99.755
SERA	Video and audio	CWSR0000SERA	SEASONAL FACTOR	2020	99.527	100.203	100.307	100.093	99.987	99.930	100.105	100.201	100.203	100.049	99.905	99.683
SERA	Video and audio	CWSR0000SERA	SEASONAL FACTOR	2021	99.469	100.090	100.198	100.025	99.938	99.960	100.180	100.290	100.298	100.133	99.948	99.611
SERA	Video and audio	CWSR0000SERA	UNADJUSTED INDEX	2017	103.215	104.685	105.758	106.872	106.207	106.402	106.496	106.493	106.697	106.412	106.161	105.616
SERA	Video and audio	CWSR0000SERA	UNADJUSTED INDEX	2018	105.745	106.431	106.719	106.459	106.219	105.911	105.959	105.819	105.912	105.963	105.987	105.687
SERA	Video and audio	CWSR0000SERA	UNADJUSTED INDEX	2019	106.271	106.807	106.902	106.531	106.166	105.920	105.679	106.195	106.487	106.766	106.903	107.380
SERA	Video and audio	CWSR0000SERA	UNADJUSTED INDEX	2020	107.742	108.183	108.557	108.633	108.666	108.305	109.347	110.042	110.300	110.422	110.211	110.495
SERA	Video and audio	CWSR0000SERA	UNADJUSTED INDEX	2021	110.210	111.317	111.793	111.957	112.107	112.966	113.670	114.311	114.503	114.213	113.834	113.098
SERA01	Televisions	CWSR0000SERA01	SEASONALLY ADJUSTED INDEX	2017	2.405	2.409	2.398	2.383	2.368	2.343	2.324	2.314	2.292	2.277	2.261	2.249
SERA01	Televisions	CWSR0000SERA01	SEASONALLY ADJUSTED INDEX	2018	2.139	2.091	2.061	2.027	1.983	1.964	1.951	1.925	1.882	1.857	1.828	1.796
SERA01	Televisions	CWSR0000SERA01	SEASONALLY ADJUSTED INDEX	2019	1.775	1.738	1.666	1.650	1.622	1.589	1.555	1.528	1.510	1.494	1.462	1.446
SERA01	Televisions	CWSR0000SERA01	SEASONALLY ADJUSTED INDEX	2020	1.425	1.408	1.401	1.390	1.377	1.358	1.349	1.342	1.342	1.343	1.361	1.375
SERA01	Televisions	CWSR0000SERA01	SEASONALLY ADJUSTED INDEX	2021	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388	1.388
SERA01	Televisions	CWSR0000SERA01	SEASONAL FACTOR	2017	99.011	100.103	100.166	99.699	100.672	101.707	101.170	101.004	100.424	100.239	99.670	97.603
SERA01	Televisions	CWSR0000SERA01	SEASONAL FACTOR	2018	99.128	99.919	99.813	99.462	100.294	101.335	101.439	101.426	100.771	100.509	99.800	97.500
SERA01	Televisions	CWSR0000SERA01	SEASONAL FACTOR	2019	99.163	99.797	99.448	99.186	100.083	101.070	101.505	101.715	101.246	100.981	99.011	97.516
SERA01	Televisions	CWSR0000SERA01	SEASONAL FACTOR	2020	99.003	99.003	99.003	99.003	99.003	99.003	99.003	99.003	99.003	99.003	99.003	99.003
SERA01	Televisions	CWSR0000SERA01	SEASONAL FACTOR	2021	98.783	99.365	98.803	99.063	100.051	101.012	101.504	102.238	101.876	101.063	99.234	97.192
SERA01	Televisions	CWSR0000SERA01	UNADJUSTED INDEX	2017	2.381	2.411	2.402	2.376	2.394	2.465	2.413	2.365	2.324	2.267	2.200	2.163
SERA01	Televisions	CWSR0000SERA01	UNADJUSTED INDEX	2018	2.120	2.089	2.057	2.016	1.989	1.990	1.979	1.962	1.897	1.866	1.806	1.753
SERA01	Televisions	CWSR0000SERA01	UNADJUSTED INDEX	2019	1.767	1.737	1.673	1.657	1.637	1.606	1.578	1.554	1.529	1.507	1.481	1.458
SERA01	Televisions	CWSR0000SERA01	UNADJUSTED INDEX	2020	1.411	1.401	1.388	1.378	1.378	1.371	1.369	1.369	1.363	1.356	1.350	1.339
SERA01	Televisions	CWSR0000SERA01	UNADJUSTED INDEX	2021	1.365	1.391	1.381	1.410	1.438	1.471	1.498	1.544	1.536	1.495	1.453	1.398
SERA02	Cable and satellite television service	CWSR0000SERA02	SEASONALLY ADJUSTED INDEX	2017	449.625	452.425	455.008	457.579	460.552	462.331	464.718	466.643	467.977	468.243	468.770	467.614
SERA02	Cable and satellite television service	CWSR0000SERA02	SEASONALLY ADJUSTED INDEX	2018	467.961	469.498	471.653	473.689	475.629	477.570	479.511	481.452	483.393	485.334	487.275	485.201
SERA02	Cable and satellite television service	CWSR0000SERA02	SEASONALLY ADJUSTED INDEX	2019	478.055	478.691	477.092	476.846	476.771	476.361	476.370	479.853	481.501	484.570	486.403	490.612
SERA02	Cable and satellite television service	CWSR0000SERA02	SEASONALLY ADJUSTED INDEX	2020	495.215	493.680	494.756	497.457	499.577	502.129	502.898	505.344	505.731	508.094	509.663	512.354
SERA02	Cable and satellite television service	CWSR0000SERA02	SEASONALLY ADJUSTED INDEX	2021	512.690	514.340	516.713	518.726	520.059	524.630	526.631	529.627	529.627	529.627	529.627	529.627
SERA02	Cable and satellite television service	CWSR0000SERA02	SEASONAL FACTOR	2017	99.496	100.363	100.896	100.535	100.396	100.232	100.095	99.793	99.753	99.421	99.674	99.497
SERA02	Cable and satellite television service	CWSR0000SERA02	SEASONAL FACTOR	2018	99.529	100.433	100.916	100.459	100.319	100.158	99.835	99.812	99.912	99.563	99.787	99.486
SERA02	Cable and satellite television service	CWSR0000SERA02	SEASONAL FACTOR	2019	99.543	100.417	100.657	100.287	100.036	99.867	99.977	99.964	100.023	99.789		

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SERB02	Pet services including veterinary	CWSR0000SERB02	UNADJUSTED INDEX	2018	246.307	246.911	247.391	247.893	248.968	249.762	249.373	249.363	250.597	251.909	251.669	252.419
SERB02	Pet services including veterinary	CWSR0000SERB02	UNADJUSTED INDEX	2019	253.517	255.358	255.999	257.126	258.018	259.237	260.351	260.848	261.007	261.620	262.628	264.539
SERB02	Pet services including veterinary	CWSR0000SERB02	SEASONALLY ADJUSTED INDEX	2020	264.202	263.449	263.766	264.126	264.328	265.012	271.939	272.838	271.519	272.686	273.211	273.211
SERB02	Pet services including veterinary	CWSR0000SERB02	UNADJUSTED INDEX	2021	279.627	280.910	280.193	280.812	283.970	284.157	281.032	281.221	282.158	282.956	283.934	287.171
SERD	Photography	CWSR0000SERD	SEASONALLY ADJUSTED INDEX	2017	78.776	79.204	78.887	78.512	78.683	78.150	78.222	78.625	79.109	78.782	78.511	77.904
SERD	Photography	CWSR0000SERD	SEASONALLY ADJUSTED INDEX	2018	76.716	77.386	77.312	77.775	77.369	75.794	76.629	76.528	76.579	76.962	77.924	77.662
SERD	Photography	CWSR0000SERD	SEASONALLY ADJUSTED INDEX	2019	72.169	72.169	72.169	72.169	72.169	72.169	72.169	72.169	72.169	72.169	72.169	72.169
SERD	Photography	CWSR0000SERD	SEASONALLY ADJUSTED INDEX	2020	75.761	78.430	78.832	78.013	77.503	78.423	78.292	77.703	77.826	78.035	77.985	77.402
SERD	Photography	CWSR0000SERD	SEASONALLY ADJUSTED INDEX	2021	78.225	79.515	78.976	78.810	79.587	79.843	79.962	80.357	80.719	81.224	81.492	81.640
SERD	Photography	CWSR0000SERD	SEASONAL FACTOR	2017	99.737	99.708	99.748	99.842	99.563	99.633	100.009	100.369	100.497	100.551	100.453	99.687
SERD	Photography	CWSR0000SERD	SEASONAL FACTOR	2018	98.712	99.687	99.802	99.886	99.513	99.566	100.009	100.378	100.534	100.669	100.551	99.551
SERD	Photography	CWSR0000SERD	SEASONAL FACTOR	2019	99.698	99.756	99.915	99.988	99.608	99.599	100.026	100.359	100.508	100.600	100.463	99.457
SERD	Photography	CWSR0000SERD	SEASONAL FACTOR	2020	99.641	99.765	99.899	100.063	99.587	99.551	99.999	100.441	100.606	100.583	100.435	99.256
SERD	Photography	CWSR0000SERD	SEASONAL FACTOR	2021	99.637	99.840	99.921	100.118	99.614	99.587	100.026	100.485	100.608	100.515	100.328	99.211
SERD	Photography	CWSR0000SERD	UNADJUSTED INDEX	2017	78.569	78.973	78.688	78.388	78.379	77.863	78.292	78.895	79.052	79.216	78.867	77.657
SERD	Photography	CWSR0000SERD	UNADJUSTED INDEX	2018	76.495	77.145	77.159	77.686	76.992	75.465	75.881	76.817	76.988	77.424	78.309	77.313
SERD	Photography	CWSR0000SERD	UNADJUSTED INDEX	2019	76.933	76.308	76.132	75.945	75.937	75.618	76.143	75.582	75.915	76.468	76.413	74.874
SERD	Photography	CWSR0000SERD	UNADJUSTED INDEX	2020	75.489	78.246	78.752	78.062	77.183	78.071	78.281	78.046	78.298	78.409	78.324	78.826
SERD	Photography	CWSR0000SERD	UNADJUSTED INDEX	2021	77.941	79.388	79.814	79.503	79.280	79.513	79.983	80.747	81.210	81.642	81.759	80.996
SERD01	Photographic equipment and supplies	CWSR0000SERD01	SEASONALLY ADJUSTED INDEX	2017	55.204	55.473	55.079	54.960	55.333	55.018	54.897	55.107	55.531	55.327	55.362	54.755
SERD01	Photographic equipment and supplies	CWSR0000SERD01	SEASONALLY ADJUSTED INDEX	2018	53.318	54.724	55.571	56.529	55.475	52.212	51.904	52.770	52.537	53.421	53.843	53.340
SERD01	Photographic equipment and supplies	CWSR0000SERD01	SEASONALLY ADJUSTED INDEX	2019	53.368	52.147	52.259	52.990	52.904	53.291	53.602	54.278	55.231	54.927	55.001	53.746
SERD01	Photographic equipment and supplies	CWSR0000SERD01	SEASONALLY ADJUSTED INDEX	2020	54.443	56.473	57.109	57.118	56.221	56.261	56.585	55.958	55.481	55.558	55.804	55.903
SERD01	Photographic equipment and supplies	CWSR0000SERD01	SEASONAL FACTOR	2017	99.129	99.033	99.163	99.476	98.556	98.788	100.298	101.222	101.642	101.819	101.492	98.964
SERD01	Photographic equipment and supplies	CWSR0000SERD01	SEASONAL FACTOR	2018	99.200	99.148	99.470	99.695	98.693	98.787	100.192	101.058	101.669	101.611	101.377	98.738
SERD01	Photographic equipment and supplies	CWSR0000SERD01	SEASONAL FACTOR	2019	99.159	99.309	99.730	99.971	98.909	98.872	100.073	100.956	101.337	101.432	101.230	98.537
SERD01	Photographic equipment and supplies	CWSR0000SERD01	SEASONAL FACTOR	2020	99.203	99.264	99.376	99.376	99.071	99.071	100.000	100.956	101.337	101.432	101.230	98.537
SERD01	Photographic equipment and supplies	CWSR0000SERD01	SEASONAL FACTOR	2021	99.203	99.647	99.826	100.261	99.951	99.905	100.008	101.060	101.333	101.377	101.728	98.267
SERD01	Photographic equipment and supplies	CWSR0000SERD01	UNADJUSTED INDEX	2017	54.723	54.937	54.618	54.672	54.534	54.351	55.060	55.780	56.443	56.334	56.188	54.168
SERD01	Photographic equipment and supplies	CWSR0000SERD01	UNADJUSTED INDEX	2018	52.892	54.258	55.277	56.357	54.750	51.579	52.004	53.328	53.525	54.312	54.584	52.667
SERD01	Photographic equipment and supplies	CWSR0000SERD01	UNADJUSTED INDEX	2019	52.919	53.807	54.842	55.712	53.697	53.149	53.499	54.797	55.970	56.746	57.177	55.983
SERD01	Photographic equipment and supplies	CWSR0000SERD01	UNADJUSTED INDEX	2020	54.011	56.181	56.981	57.196	55.711	55.701	56.583	56.505	56.232	56.241	56.345	54.987
SERD01	Photographic equipment and supplies	CWSR0000SERD01	UNADJUSTED INDEX	2021	56.268	57.083	56.633	56.660	57.152	57.609	57.875	59.033	59.535	59.231	58.848	58.081
SERE	Other recreational goods	CWSR0000SERE	SEASONALLY ADJUSTED INDEX	2017	40.333	40.178	39.700	39.300	39.159	38.870	38.465	38.160	38.018	38.082	37.883	37.207
SERE	Other recreational goods	CWSR0000SERE	SEASONALLY ADJUSTED INDEX	2018	36.722	36.857	36.606	36.201	35.593	35.371	35.467	35.120	34.824	34.804	34.281	34.397
SERE	Other recreational goods	CWSR0000SERE	SEASONALLY ADJUSTED INDEX	2019	34.495	33.305	33.842	33.207	33.379	33.419	33.088	33.419	33.929	33.847	33.688	33.240
SERE	Other recreational goods	CWSR0000SERE	SEASONALLY ADJUSTED INDEX	2020	32.210	31.933	31.731	31.496	31.253	31.092	31.124	31.159	31.487	31.451	31.380	31.048
SERE	Other recreational goods	CWSR0000SERE	SEASONALLY ADJUSTED INDEX	2021	30.920	31.130	31.378	32.096	31.984	31.552	31.751	31.941	31.471	31.441	31.382	31.829
SERE	Other recreational goods	CWSR0000SERE	SEASONAL FACTOR	2017	100.541	101.003	100.642	100.534	100.360	100.172	99.420	99.635	99.829	99.761	99.193	98.933
SERE	Other recreational goods	CWSR0000SERE	SEASONAL FACTOR	2018	100.541	101.003	100.642	100.534	100.360	100.172	99.420	99.635	99.829	99.761	99.193	98.933
SERE	Other recreational goods	CWSR0000SERE	SEASONAL FACTOR	2019	100.633	101.097	100.784	100.504	100.210	99.943	99.194	99.362	99.854	99.866	99.421	98.285
SERE	Other recreational goods	CWSR0000SERE	SEASONAL FACTOR	2020	100.644	101.115	100.835	100.518	100.182	99.878	99.078	99.271	99.825	99.876	99.509	99.371
SERE	Other recreational goods	CWSR0000SERE	SEASONAL FACTOR	2021	100.644	101.047	100.829	100.530	100.175	99.832	99.039	99.236	99.809	99.873	99.601	99.495
SERE	Other recreational goods	CWSR0000SERE	UNADJUSTED INDEX	2017	30.552	30.164	29.851	29.350	29.142	28.824	28.021	27.957	28.021	27.957	27.819	27.263
SERE	Other recreational goods	CWSR0000SERE	UNADJUSTED INDEX	2018	36.946	37.259	36.868	36.390	35.695	35.391	35.237	34.935	34.773	34.517	34.044	34.085
SERE	Other recreational goods	CWSR0000SERE	UNADJUSTED INDEX	2019	34.525	34.470	34.081	33.479	33.449	33.400	32.972	33.006	32.880	32.804	32.449	32.089
SERE	Other recreational goods	CWSR0000SERE	UNADJUSTED INDEX	2020	32.419	32.289	31.996	31.699	31.310	31.054	30.837	30.932	31.432	31.412	31.226	30.859
SERE	Other recreational goods	CWSR0000SERE	UNADJUSTED INDEX	2021	31.111	31.041	30.816	30.426	30.149	29.999	30.149	30.149	30.149	30.149	30.149	30.149
SERD01	Toys	CWSR0000SERD01	SEASONALLY ADJUSTED INDEX	2017	40.074	39.868	39.972	39.633	39.329	38.594	38.042	37.697	37.498	37.401	36.998	36.352
SERD01	Toys	CWSR0000SERD01	SEASONALLY ADJUSTED INDEX	2018	35.862	36.103	35.908	35.503	34.827	34.537	34.632	34.122	33.820	33.533	33.232	32.796
SERD01	Toys	CWSR0000SERD01	SEASONALLY ADJUSTED INDEX	2019	33.229	32.937	32.517	32.002	31.561	32.007	31.729	31.371	31.529	31.341	31.012	30.329
SERD01	Toys	CWSR0000SERD01	SEASONALLY ADJUSTED INDEX	2020	30.552	30.164	29.851	29.350	29.142	28.824	28.021	27.957	28.021	27.957	27.819	27.263
SERD01	Toys	CWSR0000SERD01	SEASONALLY ADJUSTED INDEX	2021	29.197	29.379	29.563	30.264	30.068	29.639	29.929	30.079	29.613	29.578	29.994	29.963
SERD01	Toys	CWSR0000SERD01	SEASONAL FACTOR	2017	100.668	101.244	100.796	100.661	100.444	100.212	99.276	99.549	99.791	99.701	98.990	98.660
SERD01	Toys	CWSR0000SERD01	SEASONAL FACTOR	2018	100.765	101.359	100.891	100.652	100.358	100.073	99.085	99.334	99.815	99.775	99.123	98.853
SERD01	Toys	CWSR0000SERD01	SEASONAL FACTOR	2019	100.801	101.395	100.927	100.681	100.386	100.101	99.113	99.362	99.844	99.804	99.147	98.879
SERD01	Toys	CWSR0000SERD01	SEASONAL FACTOR	2020	100.797	101.369	101.023	100.636	100.224	99.849	98.983	99.098	99.786	99.499	99.397	98.520
SERD01	Toys	CWSR0000SERD01	SEASONAL FACTOR	2021	100.788	101.288	101.020	100.649	100.220	99.790	98.918	99.059	99.763	99.483	99.510	99.351
SERD01	Toys	CWSR0000SERD01	UNADJUSTED INDEX	2017	40.342	40.364	39.786	39.392	39.102	38.676	37.767	37.527	37.419	37.289	36.624	36.032
SERD01	Toys	CWSR0000SERD01	UNADJUSTED INDEX	2018	36.136	36.594	36.228	35.734	34.562	34.562	34.315	33.895	33.757	33.456	32.341	31.937
SERD01	Toys	CWSR0000SERD01	UNADJUSTED INDEX	2019	32.489	32.489	32.489	32.489	32.489	32.489	32.489	32.489	32.489	32.489	32.489	32.489
SERD01	Toys	CWSR0000SERD01	UNADJUSTED INDEX	2020	30.767	30.567	30.322	29.869	29.509	29.270	28.916	28.926	29.479	29.510	29.304	29.130
SERD01	Toys	CWSR0000SERD01	UNADJUSTED INDEX	2021	29.427	29.757	29.865	30.400	30.134	29.577	29.575	29.796	29.543	29.531	29.847	29.769
SERF	Other recreation services	CWSR0000SERF	SEASONALLY ADJUSTED INDEX	2017	163.828	165.564	165.632	165.649	165.830	166.081	166.822	167.361	167.262	166.903	167.289	167.983
SERF	Other recreation services	CWSR0000SERF	SEASONALLY ADJUSTED INDEX	2018	168.950	169.560	168.556	167.53								

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SETB	Motor fuel	CWSR0000SETB	SEASONALLY ADJUSTED INDEX	2019	212.529	220.165	235.036	246.285	243.031	233.258	235.687	230.303	230.711	236.441	238.358	242.701
SETB	Motor fuel	CWSR0000SETB	SEASONALLY ADJUSTED INDEX	2020	238.712	232.071	211.271	167.528	161.567	173.310	187.980	191.567	194.737	193.399	191.556	206.265
SETB	Motor fuel (all types)	CWSR0000SETB	UNADJUSTED INDEX	2021	217.201	223.042	248.285	253.942	251.943	266.867	273.236	276.372	280.137	283.159	291.959	306.069
SETB	Motor fuel	CWSR0000SETB	SEASONAL FACTOR	2017	94.646	94.487	97.045	101.677	105.820	105.132	104.830	102.666	101.349	99.894	97.808	94.696
SETB	Motor fuel	CWSR0000SETB	SEASONAL FACTOR	2018	94.906	94.540	97.012	101.728	105.576	104.903	104.641	102.511	101.270	99.997	98.005	94.928
SETB	Motor fuel	CWSR0000SETB	SEASONAL FACTOR	2019	95.382	94.700	96.697	101.697	105.563	104.583	104.369	102.296	101.193	100.186	98.270	95.021
SETB	Motor fuel insurance	CWSR0000SETB	SEASONALLY ADJUSTED INDEX	2019	95.857	95.857	95.857	95.857	95.857	95.857	95.857	95.857	95.857	95.857	95.857	95.857
SETB	Motor fuel	CWSR0000SETB	SEASONAL FACTOR	2021	96.129	94.905	96.468	101.625	105.120	103.992	104.101	102.115	101.285	100.487	98.757	95.264
SETB	Motor fuel	CWSR0000SETB	UNADJUSTED INDEX	2017	207.914	203.527	205.894	214.098	210.957	207.304	202.627	210.585	232.769	220.309	225.882	218.477
SETB	Motor fuel	CWSR0000SETB	UNADJUSTED INDEX	2018	225.656	228.148	228.694	242.856	257.236	258.126	254.327	253.399	254.272	255.769	271.021	213.674
SETB	Motor fuel	CWSR0000SETB	UNADJUSTED INDEX	2019	202.715	208.457	227.272	250.465	256.526	243.949	245.884	235.591	233.463	236.882	234.235	230.617
SETB	Motor fuel	CWSR0000SETB	UNADJUSTED INDEX	2020	228.822	220.156	200.320	170.364	170.212	186.923	195.897	195.722	197.134	198.778	195.204	
SETB	Motor fuel	CWSR0000SETB	UNADJUSTED INDEX	2021	228.794	223.208	249.200	254.314	264.800	270.694	277.362	279.014	279.924	290.172	298.206	291.646
SETB01	Gasoline (all types)	CWSR0000SETB01	SEASONALLY ADJUSTED INDEX	2017	218.860	214.454	211.422	209.878	198.476	196.338	192.441	204.333	228.933	219.802	229.955	228.832
SETB01	Gasoline (all types)	CWSR0000SETB01	SEASONALLY ADJUSTED INDEX	2018	236.663	241.141	234.808	237.903	242.567	244.539	241.244	246.138	250.541	254.759	240.381	223.685
SETB01	Gasoline (all types)	CWSR0000SETB01	SEASONALLY ADJUSTED INDEX	2019	219.000	216.685	234.032	245.544	241.978	222.167	224.721	229.287	229.629	235.020	237.328	241.588
SETB01	Gasoline (all types)	CWSR0000SETB01	SEASONALLY ADJUSTED INDEX	2020	237.422	230.733	210.299	166.336	160.251	178.266	187.120	190.724	193.873	192.649	190.884	204.418
SETB01	Gasoline (all types)	CWSR0000SETB01	SEASONALLY ADJUSTED INDEX	2021	216.222	233.995	257.714	249.564	250.888	259.266	265.743	272.294	274.378	287.969	301.118	304.985
SETB01	Gasoline (all types)	CWSR0000SETB01	SEASONAL FACTOR	2017	94.628	94.512	96.995	101.649	105.902	105.192	104.892	102.682	101.333	99.811	97.854	94.602
SETB01	Gasoline (all types)	CWSR0000SETB01	SEASONAL FACTOR	2018	94.898	94.572	96.947	101.680	105.961	104.969	104.692	102.528	101.275	99.933	98.019	94.846
SETB01	Gasoline (all types)	CWSR0000SETB01	SEASONAL FACTOR	2019	95.386	94.738	96.612	101.632	105.639	104.649	104.412	102.321	101.225	100.181	98.214	94.965
SETB01	Gasoline (all types)	CWSR0000SETB01	SEASONAL FACTOR	2020	95.873	94.908	96.414	101.614	105.445	104.312	104.142	102.199	101.284	100.324	98.459	95.084
SETB01	Gasoline (all types)	CWSR0000SETB01	SEASONAL FACTOR	2021	96.155	95.012	96.341	101.531	105.212	104.062	104.045	102.148	101.350	100.405	98.659	95.241
SETB01	Gasoline (all types)	CWSR0000SETB01	UNADJUSTED INDEX	2017	207.102	202.686	205.088	213.339	210.191	206.532	201.856	209.814	231.984	219.387	225.019	217.427
SETB01	Gasoline (all types)	CWSR0000SETB01	UNADJUSTED INDEX	2018	224.588	228.051	227.640	241.900	256.298	257.110	253.276	252.361	253.203	254.589	255.620	212.157
SETB01	Gasoline (all types)	CWSR0000SETB01	UNADJUSTED INDEX	2019	201.264	207.178	226.102	249.551	255.623	242.960	245.047	234.608	232.443	235.838	233.090	229.424
SETB01	Gasoline (all types)	CWSR0000SETB01	UNADJUSTED INDEX	2020	227.623	218.983	202.758	169.020	168.977	185.953	194.871	194.917	196.362	193.274	187.943	194.368
SETB01	Gasoline (all types)	CWSR0000SETB01	UNADJUSTED INDEX	2021	207.902	222.363	245.284	261.962	264.793	269.344	270.916	272.522	277.727	282.727	291.593	296.869
SETE	Motor vehicle insurance	CWSR0000SETE	SEASONALLY ADJUSTED INDEX	2017	513.342	515.126	519.317	518.769	524.947	529.514	532.513	537.565	540.458	543.963	547.829	551.873
SETE	Motor vehicle insurance	CWSR0000SETE	SEASONALLY ADJUSTED INDEX	2018	557.634	566.265	566.092	567.126	569.874	571.563	573.828	574.566	577.981	581.890	580.103	578.972
SETE	Motor vehicle insurance	CWSR0000SETE	SEASONALLY ADJUSTED INDEX	2019	578.713	578.024	575.963	574.917	573.420	575.337	577.194	578.189	578.823	579.719	577.720	578.173
SETE	Motor vehicle insurance	CWSR0000SETE	SEASONALLY ADJUSTED INDEX	2020	578.107	578.294	576.328	574.299	575.044	576.944	578.004	579.023	580.042	581.130	577.410	549.693
SETE	Motor vehicle insurance	CWSR0000SETE	SEASONALLY ADJUSTED INDEX	2021	555.144	560.397	564.417	568.597	571.241	573.702	573.185	573.872	574.512	571.637	573.908	573.247
SETE	Motor vehicle insurance	CWSR0000SETE	SEASONAL FACTOR	2017	100.344	100.450	100.468	100.235	100.086	99.886	99.632	99.487	99.340	99.646	100.128	100.311
SETE	Motor vehicle insurance	CWSR0000SETE	SEASONAL FACTOR	2018	100.293	100.485	100.564	100.254	100.088	99.913	99.624	99.475	99.356	99.675	100.031	100.144
SETE	Motor vehicle insurance	CWSR0000SETE	SEASONAL FACTOR	2019	100.227	100.523	100.630	100.317	100.153	99.943	99.628	99.449	99.353	99.672	100.031	100.054
SETE	Motor vehicle insurance	CWSR0000SETE	SEASONAL FACTOR	2020	100.162	100.567	100.687	100.401	100.216	99.975	99.646	99.475	99.353	99.672	100.031	100.054
SETE	Motor vehicle insurance	CWSR0000SETE	SEASONAL FACTOR	2021	100.105	100.587	100.680	100.487	100.303	99.993	99.667	99.434	99.308	99.591	99.835	99.954
SETE	Motor vehicle insurance	CWSR0000SETE	UNADJUSTED INDEX	2017	515.106	517.442	521.748	519.886	525.397	529.308	530.552	535.196	538.893	542.316	545.528	553.146
SETE	Motor vehicle insurance	CWSR0000SETE	UNADJUSTED INDEX	2018	559.268	568.011	569.287	568.599	570.375	571.466	571.670	571.549	574.260	579.997	580.284	578.807
SETE	Motor vehicle insurance	CWSR0000SETE	UNADJUSTED INDEX	2019	580.852	581.046	579.550	576.742	574.299	575.044	576.944	578.004	579.023	580.042	581.130	577.410
SETE	Motor vehicle insurance	CWSR0000SETE	UNADJUSTED INDEX	2020	577.886	581.574	584.803	593.847	490.708	517.275	565.409	567.623	546.407	536.530	548.845	549.622
SETE	Motor vehicle insurance	CWSR0000SETE	UNADJUSTED INDEX	2021	555.729	563.684	568.252	571.367	572.970	573.662	571.273	570.622	570.537	569.298	572.959	572.982
SETG	Public transportation	CWSR0000SETG	SEASONALLY ADJUSTED INDEX	2017	270.163	270.961	271.452	272.571	267.012	268.995	267.865	265.857	265.891	265.943	264.498	269.705
SETG	Public transportation	CWSR0000SETG	SEASONALLY ADJUSTED INDEX	2018	268.501	268.501	268.501	268.501	268.501	268.501	268.501	268.501	268.501	268.501	268.501	268.501
SETG	Public transportation	CWSR0000SETG	SEASONALLY ADJUSTED INDEX	2019	263.051	264.572	266.621	266.876	269.630	269.042	266.657	269.050	268.300	267.100	267.008	264.351
SETG	Public transportation	CWSR0000SETG	SEASONALLY ADJUSTED INDEX	2020	266.719	269.062	250.048	229.552	222.222	233.606	226.409	229.919	229.419	232.939	233.209	232.758
SETG	Public transportation	CWSR0000SETG	SEASONALLY ADJUSTED INDEX	2021	231.717	229.599	233.181	245.566	250.349	260.611	254.838	243.064	231.826	232.087	235.179	238.546
SETG	Public transportation	CWSR0000SETG	SEASONAL FACTOR	2017	97.572	97.572	97.572	97.572	97.572	97.572	97.572	97.572	97.572	97.572	97.572	97.572
SETG	Public transportation	CWSR0000SETG	SEASONAL FACTOR	2018	97.857	97.701	97.943	101.454	103.608	103.134	101.181	98.993	98.705	100.366	100.439	97.356
SETG	Public transportation	CWSR0000SETG	SEASONAL FACTOR	2019	97.756	95.552	99.233	100.983	103.178	102.767	104.944	98.364	99.901	101.687	101.060	98.915
SETG	Public transportation	CWSR0000SETG	SEASONAL FACTOR	2020	97.855	99.130	98.516	100.426	102.528	102.787	101.193	98.587	99.240	100.782	101.620	98.701
SETG	Public transportation	CWSR0000SETG	SEASONAL FACTOR	2021	97.972	98.559	98.559	98.559	98.559	98.559	98.559	98.559	98.559	98.559	98.559	98.559
SETG	Public transportation	CWSR0000SETG	UNADJUSTED INDEX	2017	264.489	269.634	270.896	276.960	279.562	278.528	268.362	260.135	261.410	265.425	264.726	258.335
SETG	Public transportation	CWSR0000SETG	UNADJUSTED INDEX	2018	260.792	266.568	267.221	271.278	274.994	275.662	260.581	261.660	265.416	264.726	264.726	254.544
SETG	Public transportation	CWSR0000SETG	UNADJUSTED INDEX	2019	257.147	263.386	264.576	269.499	278.198	276.487	267.974	264.649	265.888	268.936	269.839	259.102
SETG	Public transportation	CWSR0000SETG	UNADJUSTED INDEX	2020	260.999	266.821	264.388	259.620	257.142	260.824	257.678	260.824	262.176	260.824	262.176	259.102
SETG	Public transportation	CWSR0000SETG	UNADJUSTED INDEX	2021	227.018	226.691	228.517	245.617	263.373	266.693	259.525	240.324	229.991	243.043	239.843	239.820
SETG01	Airline fares	CWSR0000SETG01	SEASONALLY ADJUSTED INDEX	2017	280.369	282.130	283.395	282.650	278.477	266.595	275.225	271.001	269.201	268.392	265.574	266.694
SETG01	Airline fares	CWSR0000SETG01	SEASONALLY ADJUSTED INDEX	2018	267.037	268.973	269.591	268.925	267.627	266.459	266.756	268.126	268.936	265.984	262.430	260.168
SETG01	Airline fares	CWSR0000SETG01	SEASONALLY ADJUSTED INDEX	2019	259.433	263.133	265.366	267.239	273.937	272.897	269.527	271.160	273.864	267.976	266.159	261.285
SETG01	Airline fares	CWSR0000SETG01	SEASONALLY ADJUSTED INDEX	2020	263.182	268.107	236.290	202.845	196.386	198.422	203.929	206.826	207.150	215.430	217.532	211.532
SETG01	Airline fares	CWSR0000SETG01	SEASONALLY ADJUSTED INDEX													

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SS5702	Inpatient hospital services	CWSR0000SS5702	SEASONAL FACTOR	2020	100.256	100.306	100.268	100.191	100.024	99.887	99.940	99.870	99.847	100.064	99.839	99.566
SS5702	Inpatient hospital services	CWSR0000SS5702	SEASONAL FACTOR	2021	100.273	100.246	100.236	100.170	100.040	99.853	99.939	99.902	99.873	100.103	99.844	99.553
SS5702	Inpatient hospital services	CWSR0000SS5702	UNADJUSTED INDEX	2017	305.219	308.941	308.831	310.785	310.247	312.017	312.670	313.180	313.163	314.996	315.970	316.021
SS5702	Inpatient hospital services	CWSR0000SS5702	UNADJUSTED INDEX	2018	321.465	322.282	322.726	323.116	323.420	324.752	324.882	323.736	324.249	323.871	323.779	324.164
SS5702	Inpatient hospital services	CWSR0000SS5702	UNADJUSTED INDEX	2019	325.369	325.846	326.503	324.692	326.193	326.156	327.573	329.449	329.280	334.033	334.975	335.168
SS5702	Inpatient hospital services	CWSR0000SS5702	UNADJUSTED INDEX	2020	339.147	338.947	339.856	341.061	341.915	342.395	342.807	341.980	342.974	341.580	342.460	342.190
SS5702	Inpatient hospital services	CWSR0000SS5702	UNADJUSTED INDEX	2021	345.318	345.989	347.197	348.164	348.169	347.843	350.464	353.951	354.026	356.385	355.412	354.945
SS5703	Outpatient hospital services	CWSR0000SS5703	SEASONALLY ADJUSTED INDEX	2017	689.826	698.595	700.369	708.572	709.995	714.165	716.433	716.148	718.641	719.273	718.899	721.774
SS5703	Outpatient hospital services	CWSR0000SS5703	SEASONALLY ADJUSTED INDEX	2018	728.207	728.443	732.659	734.546	737.430	742.391	744.176	740.043	738.945	738.186	745.368	748.627
SS5703	Outpatient hospital services	CWSR0000SS5703	SEASONALLY ADJUSTED INDEX	2019	743.415	742.990	743.529	740.201	743.387	741.714	746.458	753.931	753.861	759.609	761.366	763.790
SS5703	Outpatient hospital services	CWSR0000SS5703	SEASONALLY ADJUSTED INDEX	2020	767.627	769.819	770.524	772.521	771.059	773.328	774.441	774.979	780.250	775.366	779.219	781.946
SS5703	Outpatient hospital services	CWSR0000SS5703	SEASONALLY ADJUSTED INDEX	2021	783.978	784.166	788.346	788.559	791.285	794.723	796.905	799.357	802.159	804.601	803.050	803.774
SS5703	Outpatient hospital services	CWSR0000SS5703	SEASONAL FACTOR	2017	100.250	100.494	100.323	100.424	100.096	99.904	99.828	99.798	99.679	99.982	99.764	99.443
SS5703	Outpatient hospital services	CWSR0000SS5703	SEASONAL FACTOR	2018	100.359	100.491	100.376	100.320	99.996	99.849	99.826	99.888	99.685	100.014	99.756	99.427
SS5703	Outpatient hospital services	CWSR0000SS5703	SEASONAL FACTOR	2019	100.447	100.491	100.451	100.214	99.852	99.801	99.832	99.938	99.711	100.030	99.764	99.447
SS5703	Outpatient hospital services	CWSR0000SS5703	SEASONAL FACTOR	2020	100.498	100.474	100.509	100.154	99.826	99.735	99.825	99.965	99.733	100.072	99.771	99.454
SS5703	Outpatient hospital services	CWSR0000SS5703	SEASONAL FACTOR	2021	100.524	100.471	100.534	100.119	99.792	99.690	99.805	99.983	99.784	100.083	99.771	99.464
SS5703	Outpatient hospital services	CWSR0000SS5703	UNADJUSTED INDEX	2017	691.549	702.049	702.634	711.580	710.677	713.477	715.197	714.699	716.331	719.142	717.199	717.751
SS5703	Outpatient hospital services	CWSR0000SS5703	UNADJUSTED INDEX	2018	730.818	732.020	735.413	736.896	737.403	741.271	742.880	739.217	736.621	738.292	743.548	744.334
SS5703	Outpatient hospital services	CWSR0000SS5703	UNADJUSTED INDEX	2019	746.737	746.640	746.883	741.789	742.988	740.238	745.201	753.464	751.684	759.834	759.573	759.564
SS5703	Outpatient hospital services	CWSR0000SS5703	UNADJUSTED INDEX	2020	771.453	773.468	774.449	773.712	769.718	771.281	773.086	774.711	778.167	775.921	777.438	777.680
SS5703	Outpatient hospital services	CWSR0000SS5703	UNADJUSTED INDEX	2021	788.087	787.860	792.555	789.497	789.636	792.257	795.347	799.221	800.430	805.268	801.215	799.466

**U.S. BUREAU OF LABOR STATISTICS**

Bureau of Labor Statistics > Economic News Release

Economic News Release**Employer Costs for Employee Compensation News Release**

For release 10:00 a.m. (ET) Thursday, March 18, 2021

USDL-21-0437

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EMPLOYER COSTS FOR EMPLOYEE COMPENSATION - DECEMBER 2020

Employer costs for employee compensation for civilian workers averaged \$38.60 per hour worked in December 2020, the U.S. Bureau of Labor Statistics reported today. Wages and salaries cost employers \$26.53 and accounted for 68.7 percent of total costs, while benefits cost \$12.07 and accounted for the remaining 31.3 percent. (See table 1.)

State and local government employer costs averaged \$53.47 per hour worked. Wages and salaries averaged \$33.08 per hour worked and represented 61.9 percent of total compensation costs, while benefit costs averaged \$20.39 and accounted for the remaining 38.1 percent. (See tables 1 and 3.)

Total employer compensation costs for private industry workers averaged \$36.23 per hour worked in December 2020. Wage and salary costs averaged \$25.48 and accounted for 70.3 percent of employer costs, while benefit costs were \$10.74 and accounted for 29.7 percent. (See tables 1 and 4.)

Within total benefits, supplemental pay costs averaged \$1.15 per hour worked or 3.0 percent of total compensation for civilian workers, \$1.25 per hour worked (3.5 percent) for private industry workers, and \$0.54 per hour worked (1.0 percent) for workers in state and local government. (See table 1.)

Supplemental pay includes employer costs for employee shift differentials (extra payments for working a non-traditional work schedule), overtime and premium pay (pay in addition to the regular work schedules, and pay for work on weekends and holidays), and nonproduction bonuses (such as holiday bonuses or end-of-year bonuses which are given at the discretion of the employer and are not tied to a production formula).

For private industry workers, nonproduction bonuses cost employers \$0.84 per employee hour worked or 2.3 percent of total compensation, overtime and premium pay cost \$0.33 per hour worked (0.9 percent), and shift differentials cost \$0.08 per hour worked (0.2 percent). (See table 1.)

Supplemental pay costs by occupational group ranged from \$0.38 per employee hour worked or 2.1 percent of total compensation in service occupations to \$2.28 (3.7 percent) in management, professional, and related occupations. (See table 4.)

Nonproduction bonus costs ranged from \$0.14 per employee hour worked or 0.8 percent of total compensation in service occupations to \$1.97 (3.2 percent) in management, professional, and related occupations, while overtime and premium pay costs ranged from \$0.17 (1.0 percent) in service occupations to \$0.94 (2.4 percent) in natural resources, construction, and maintenance occupations.

Supplemental pay costs varied by bargaining unit status. Supplemental pay costs for union workers were \$1.86 per hour worked or 3.6 percent of total compensation, while costs for nonunion workers were \$1.20 (3.4 percent). (See table 5.) Overtime and premium costs was the largest component of supplemental pay costs for union workers at \$0.94 per hour worked, while for nonunion workers the largest component was nonproduction bonus costs at \$0.86.

Estimates for supplemental pay components are available through the database query tool at www.bls.gov/ncs/ect/data.htm.

<p>Coronavirus (COVID-19) Pandemic Impact on December 2020 ECEC Data</p> <p>The Employer Costs for Employee Compensation (ECEC) reference date was December 12, 2020.</p> <p>Response rates for December were comparable with prior releases, and no changes in estimation procedures were necessary. Additional information is available at www.bls.gov/covid19/effects-of-covid-19-on-workplace-injuries-and-illnesses-compensation-and-occupational-requirements.htm#ECEC.</p>
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Employer Costs for Employee Compensation for March 2021 is scheduled to be released on Thursday, June 17, 2021, at 10:00 a.m. (ET).

TECHNICAL NOTE

Employer Costs for Employee Compensation (ECEC), a product of the National Compensation Survey, provides the average employer cost for wages and salaries as well as benefits per employee hour worked. The ECEC covers the civilian economy, which includes data from both private industry and state and local government. Excluded from private industry are the self-employed, agricultural workers, and private household workers. Federal government workers are excluded from the public sector.

All workers are included in the benefit cost estimates including those that do not have plan access or do not participate. Costs are also affected by other factors such as cost sharing between employers and employees, plan features, and plan generosity. For the latest information on the percentage of workers with access to and participating in employer-sponsored benefit plans,

including health care and retirement and savings plans, see www.bls.gov/ebs.

The "National Compensation Measures" provides additional details on the sample design, calculation methodology, and resources explaining changes over time. (See www.bls.gov/opub/hom/ncs/home.htm.)

Additional ECEC estimates, including historical data, are available in the ECEC database query tool at www.bls.gov/ncs/ect/data.htm.

Sample size:

Data for this reference period were collected from a probability sample of approximately 24,600 occupational observations selected from a sample of about 6,000 private industry establishments and approximately 7,800 occupational observations selected from a sample of about 1,400 state and local government establishments that provided data at the initial interview.

Measures of reliability:

Relative standard errors (RSEs) provide users a tool to ascertain the quality of an estimate to ensure that it is within an acceptable range for their intended purpose. RSEs are available at www.bls.gov/ncs/ect/ecec-rse.htm and database query tool at www.bls.gov/ncs/ect/data.htm.

Comparisons:

Compensation cost levels in state and local government should not be directly compared with levels in private industry. Differences between these sectors stem from factors such as variation in work activities and occupational structures.

Area definitions:

Metropolitan area definitions have been updated based on Office of Management and Budget Bulletin No. 13-01, dated February 28, 2013. (See www.census.gov/programs-surveys/metro-micro.html.)

Publication focus:

Topics of news releases for the upcoming reference periods are as follows:

- * March 2021 - compensation costs by wage percentile and 15 metropolitan areas in private industry
- * June 2021 - benefits costs in private industry
- * September 2021 - compensation costs in state and local government

The 2021 ECEC release dates are available at www.bls.gov/schedule/news_release/ecec.htm.

Table 1. Employer Costs for Employee Compensation by ownership
[Dec. 2020]

Compensation component	Civilian workers ⁽¹⁾		Private industry workers		State and local government workers	
	Cost (\$)	Percent of compensation	Cost (\$)	Percent of compensation	Cost (\$)	Percent of compensation
Total compensation⁽²⁾	38.60	100.0	36.23	100.0	53.47	100.0
Wages and salaries	26.53	68.7	25.48	70.3	33.08	61.9
Total benefits	12.07	31.3	10.74	29.7	20.39	38.1
Paid leave	2.87	7.4	2.69	7.4	4.04	7.6
Vacation	1.40	3.6	1.38	3.8	1.52	2.9
Holiday	0.85	2.2	0.80	2.2	1.14	2.1
Sick	0.46	1.2	0.37	1.0	1.03	1.9
Personal	0.17	0.4	0.14	0.4	0.35	0.7
Supplemental pay	1.15	3.0	1.25	3.5	0.54	1.0
Overtime and premium⁽³⁾	0.32	0.8	0.33	0.9	0.23	0.4
Shift differentials	0.07	0.2	0.08	0.2	0.05	0.1
Nonproduction bonuses	0.76	2.0	0.84	2.3	0.25	0.5
Insurance	3.28	8.5	2.81	7.8	6.23	11.7
Life	0.05	0.1	0.04	0.1	0.07	0.1
Health	3.12	8.1	2.65	7.3	6.07	11.4
Short-term disability	0.07	0.2	0.07	0.2	0.03	0.1
Long-term disability	0.05	0.1	0.04	0.1	0.05	0.1
Retirement and savings	1.99	5.2	1.25	3.4	6.65	12.4
Defined benefit	1.21	3.1	0.42	1.2	6.18	11.6
Defined contribution	0.78	2.0	0.82	2.3	0.47	0.9
Legally Required benefits	2.77	7.2	2.75	7.6	2.94	5.5

Footnotes

(1) Includes workers in the private nonfarm economy except those in private households, and workers in the public sector, except the federal government.

(2) Includes costs for wages and salaries and benefits.

(3) Includes premium pay for work (such as overtime, weekends, and holidays) in addition to the regular work schedule.

(4) Social Security refers to the Old-Age, Survivors, and Disability Insurance (OASDI) program.

(5) Cost per hour worked is \$0.01 or less.

(6) Less than .05 percent.

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Compensation component	Civilian workers ⁽¹⁾		Private industry workers		State and local government workers	
	Cost (\$)	Percent of compensation	Cost (\$)	Percent of compensation	Cost (\$)	Percent of compensation
Social Security and Medicare	2.16	5.6	2.14	5.9	2.29	4.3
Social Security ⁽⁴⁾	1.72	4.5	1.71	4.7	1.75	3.3
Medicare	0.44	1.1	0.42	1.2	0.54	1.0
Federal unemployment insurance	0.02	0.1	0.03	0.1	(5) -	(6) -
State unemployment insurance	0.13	0.3	0.14	0.4	0.06	0.1
Workers' compensation	0.47	1.2	0.45	1.2	0.58	1.1

Footnotes

(1) Includes workers in the private nonfarm economy except those in private households, and workers in the public sector, except the federal government.

(2) Includes costs for wages and salaries and benefits.

(3) Includes premium pay for work (such as overtime, weekends, and holidays) in addition to the regular work schedule.

(4) Social Security refers to the Old-Age, Survivors, and Disability Insurance (OASDI) program.

(5) Cost per hour worked is \$0.01 or less.

(6) Less than .05 percent.

Table 2. Employer Costs for Employee Compensation for civilian workers by occupational and industry group

[Dec. 2020]

Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
Civilian workers ⁽²⁾	38.60	100.0	26.53	68.7	12.07	31.3	2.87	7.4	1.15	3.0	3.28	8.5	1.99	5.2	2.77	7.2
Occupational group																
Management, professional, and related	62.29	100.0	42.47	68.2	19.82	31.8	5.46	8.8	1.82	2.9	5.00	8.0	3.70	5.9	3.85	6.2
Management, business and financial	72.43	100.0	49.58	68.5	22.85	31.5	7.03	9.7	2.98	4.1	4.97	6.9	3.45	4.8	4.43	6.1
Professional and related	57.71	100.0	39.27	68.0	18.45	32.0	4.75	8.2	1.29	2.2	5.01	8.7	3.81	6.6	3.59	6.2
Teachers ⁽³⁾	65.04	100.0	44.20	68.0	20.84	32.0	3.42	5.3	0.25	0.4	6.35	9.8	7.45	11.5	3.37	5.2
Primary, secondary, and special education school teachers	63.78	100.0	42.35	66.4	21.43	33.6	2.95	4.6	0.21	0.3	6.91	10.8	8.30	13.0	3.06	4.8
Registered nurses	59.30	100.0	38.58	65.1	20.72	34.9	6.07	10.2	2.20	3.7	5.47	9.2	3.02	5.1	3.96	6.7
Sales and office	28.33	100.0	19.98	70.5	8.35	29.5	1.91	6.7	0.76	2.7	2.63	9.3	1.00	3.5	2.06	7.3
Sales and related	27.34	100.0	20.78	76.0	6.56	24.0	1.55	5.7	0.80	2.9	1.54	5.6	0.59	2.2	2.08	7.6
Office and administrative support	28.98	100.0	19.45	67.1	9.53	32.9	2.14	7.4	0.73	2.5	3.35	11.5	1.26	4.4	2.05	7.1
Service	20.71	100.0	14.84	71.7	5.87	28.3	1.10	5.3	0.44	2.1	1.62	7.8	0.94	4.5	1.76	8.5
Natural resources, construction, and maintenance	38.97	100.0	26.12	67.0	12.85	33.0	2.22	5.7	1.38	3.5	3.38	8.7	2.33	6.0	3.55	9.1
Construction, extraction, farming, fishing, and forestry	39.92	100.0	26.40	66.1	13.51	33.9	1.84	4.6	1.46	3.6	3.49	8.8	2.87	7.2	3.85	9.6

Footnotes

(1) Includes costs for wages and salaries and benefits.

(2) Includes workers in the private nonfarm economy except those in private households, and workers in the public sector, except the federal government.

(3) Includes postsecondary teachers; primary, secondary, and special education teachers; and other teachers and instructors.

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Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
Installation, maintenance, and repair	37.91	100.0	25.80	68.1	12.11	31.9	2.64	7.0	1.30	3.4	3.25	8.6	1.71	4.5	3.21	8.5
Production, transportation, and material moving	30.70	100.0	20.43	66.5	10.27	33.5	1.90	6.2	1.30	4.3	3.10	10.1	1.29	4.2	2.68	8.7
Production	28.89	100.0	19.25	66.7	9.63	33.3	1.79	6.2	1.43	5.0	3.09	10.7	0.90	3.1	2.42	8.4
Transportation and material moving	32.27	100.0	21.45	66.4	10.83	33.6	1.99	6.2	1.20	3.7	3.11	9.6	1.63	5.1	2.90	9.0
Industry group																
Education and health services	43.57	100.0	29.54	67.8	14.03	32.2	3.38	7.8	0.67	1.5	4.22	9.7	3.02	6.9	2.74	6.3
Educational services	55.53	100.0	36.69	66.1	18.84	33.9	3.58	6.4	0.28	0.5	5.94	10.7	6.07	10.9	2.97	5.3
Elementary and secondary schools	54.29	100.0	35.47	65.3	18.82	34.7	2.84	5.2	0.22	0.4	6.23	11.5	6.79	12.5	2.74	5.0
Junior colleges, colleges, and universities	61.42	100.0	40.60	66.1	20.82	33.9	5.36	8.7	0.39	0.6	6.05	9.9	5.58	9.1	3.44	5.6
Health care and social assistance	36.87	100.0	25.54	69.3	11.33	30.7	3.27	8.9	0.89	2.4	3.26	8.8	1.31	3.5	2.61	7.1
Hospitals	51.61	100.0	33.47	64.9	18.14	35.1	5.07	9.8	1.81	3.5	5.32	10.3	2.64	5.1	3.31	6.4
Footnotes																
⁽¹⁾ Includes costs for wages and salaries and benefits.																
⁽²⁾ Includes workers in the private nonfarm economy except those in private households, and workers in the public sector, except the federal government.																
⁽³⁾ Includes postsecondary teachers; primary, secondary, and special education teachers; and other teachers and instructors.																

Table 3. Employer Costs for Employee Compensation for state and local government workers by occupational and industry group
[Dec. 2020]

Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
State and local government workers	53.47	100.0	33.08	61.9	20.39	38.1	4.04	7.6	0.54	1.0	6.23	11.7	6.65	12.4	2.94	5.5
Occupational group																
Management, professional, and related	64.02	100.0	41.02	64.1	23.00	35.9	4.55	7.1	0.42	0.7	6.79	10.6	7.94	12.4	3.30	5.2
Professional and related	62.20	100.0	40.17	64.6	22.03	35.4	4.05	6.5	0.40	0.6	6.75	10.8	7.66	12.3	3.19	5.1
Teachers ⁽²⁾	70.59	100.0	46.92	66.5	23.67	33.5	3.52	5.0	0.27	0.4	7.29	10.3	9.22	13.1	3.38	4.8
Primary, secondary, and special education school teachers	70.13	100.0	45.98	65.6	24.15	34.4	3.14	4.5	0.24	0.3	7.77	11.1	9.80	14.0	3.19	4.5
Footnotes																
⁽¹⁾ Includes costs for wages and salaries and benefits.																
⁽²⁾ Includes postsecondary teachers; primary, secondary, and special education teachers; and other teachers and instructors.																

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Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
Sales and office	37.14	100.0	21.25	57.2	15.89	42.8	3.26	8.8	0.34	0.9	5.88	15.8	4.22	11.4	2.20	5.9
Office and administrative support	37.29	100.0	21.29	57.1	16.00	42.9	3.27	8.8	0.34	0.9	5.95	16.0	4.24	11.4	2.20	5.9
Service	39.53	100.0	22.47	56.8	17.06	43.2	3.35	8.5	0.87	2.2	4.97	12.6	5.43	13.7	2.44	6.2
Industry group																
Education and health services	55.77	100.0	35.80	64.2	19.97	35.8	3.68	6.6	0.37	0.7	6.36	11.4	6.70	12.0	2.86	5.1
Educational services	57.31	100.0	37.02	64.6	20.29	35.4	3.52	6.1	0.27	0.5	6.49	11.3	7.15	12.5	2.86	5.0
Elementary and secondary schools	55.69	100.0	36.02	64.7	19.67	35.3	2.87	5.2	0.23	0.4	6.54	11.7	7.32	13.1	2.71	4.9
Junior colleges, colleges, and universities	61.69	100.0	39.73	64.4	21.96	35.6	5.31	8.6	0.37	0.6	6.34	10.3	6.68	10.8	3.25	5.3
Health care and social assistance	47.09	100.0	28.91	61.4	18.18	38.6	4.59	9.7	0.92	2.0	5.65	12.0	4.17	8.8	2.86	6.1
Hospitals	49.83	100.0	31.14	62.5	18.69	37.5	4.87	9.8	1.07	2.2	5.65	11.3	4.10	8.2	3.00	6.0
Public administration	51.54	100.0	29.54	57.3	22.00	42.7	4.86	9.4	0.81	1.6	6.20	12.0	7.02	13.6	3.11	6.0
Footnotes																
⁽¹⁾ Includes costs for wages and salaries and benefits.																
⁽²⁾ Includes postsecondary teachers; primary, secondary, and special education teachers; and other teachers and instructors.																

Table 4. Employer Costs for Employee Compensation for private industry workers by occupational and industry group

[Dec. 2020]

Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
Private industry workers	36.23	100.0	25.48	70.3	10.74	29.7	2.69	7.4	1.25	3.5	2.81	7.8	1.25	3.4	2.75	7.6
Occupational group																
Management, professional, and related	61.72	100.0	42.95	69.6	18.77	30.4	5.76	9.3	2.28	3.7	4.41	7.1	2.30	3.7	4.03	6.5
Management, business, and financial	72.15	100.0	50.07	69.4	22.09	30.6	6.98	9.7	3.29	4.6	4.70	6.5	2.63	3.6	4.49	6.2
Professional and related	55.73	100.0	38.87	69.7	16.86	30.3	5.06	9.1	1.69	3.0	4.24	7.6	2.11	3.8	3.76	6.8
Sales and office	27.56	100.0	19.87	72.1	7.69	27.9	1.79	6.5	0.79	2.9	2.34	8.5	0.71	2.6	2.05	7.4
Sales and related	27.31	100.0	20.78	76.1	6.53	23.9	1.54	5.6	0.81	3.0	1.53	5.6	0.57	2.1	2.08	7.6
Office and administrative support	27.74	100.0	19.18	69.1	8.56	30.9	1.97	7.1	0.78	2.8	2.96	10.7	0.82	3.0	2.03	7.3
Service	17.88	100.0	13.70	76.6	4.18	23.4	0.76	4.3	0.38	2.1	1.12	6.2	0.26	1.5	1.66	9.3

Footnotes⁽¹⁾Includes costs for wages and salaries and benefits.⁽²⁾Includes mining, construction, and manufacturing. The agriculture, forestry, farming, and hunting sector is excluded.⁽³⁾Includes utilities; wholesale trade; retail trade; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

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Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
Natural resources, construction, and maintenance	38.43	100.0	26.06	67.8	12.37	32.2	2.07	5.4	1.42	3.7	3.17	8.2	2.12	5.5	3.60	9.4
Construction, extraction, farming, fishing, and forestry	39.50	100.0	26.42	66.9	13.09	33.1	1.67	4.2	1.52	3.8	3.27	8.3	2.71	6.9	3.92	9.9
Installation, maintenance, and repair	37.24	100.0	25.66	68.9	11.58	31.1	2.52	6.8	1.32	3.5	3.05	8.2	1.46	3.9	3.23	8.7
Production, transportation, and material moving	30.25	100.0	20.28	67.1	9.96	32.9	1.85	6.1	1.32	4.4	2.98	9.8	1.14	3.8	2.67	8.8
Production	28.58	100.0	19.12	66.9	9.46	33.1	1.75	6.1	1.43	5.0	3.04	10.6	0.83	2.9	2.42	8.5
Transportation and material moving	31.76	100.0	21.35	67.2	10.41	32.8	1.95	6.1	1.22	3.8	2.92	9.2	1.43	4.5	2.90	9.1
Industry group																
Goods-producing ⁽²⁾	40.32	100.0	27.22	67.5	13.09	32.5	2.61	6.5	1.75	4.3	3.61	8.9	1.80	4.5	3.33	8.3
Construction	40.61	100.0	28.29	69.7	12.32	30.3	1.85	4.6	1.44	3.5	3.06	7.5	2.12	5.2	3.86	9.5
Manufacturing	40.02	100.0	26.56	66.4	13.46	33.6	3.03	7.6	1.89	4.7	3.91	9.8	1.61	4.0	3.01	7.5
Aircraft manufacturing	75.58	100.0	47.07	62.3	28.51	37.7	7.19	9.5	4.01	5.3	7.29	9.6	5.19	6.9	4.82	6.4
Service-providing ⁽³⁾	35.39	100.0	25.13	71.0	10.27	29.0	2.70	7.6	1.15	3.2	2.65	7.5	1.13	3.2	2.63	7.4
Trade, transportation, and utilities	30.66	100.0	21.72	70.8	8.94	29.2	2.02	6.6	0.94	3.1	2.38	7.8	1.14	3.7	2.46	8.0
Wholesale trade	41.21	100.0	29.18	70.8	12.02	29.2	3.19	7.8	1.50	3.6	2.97	7.2	1.32	3.2	3.04	7.4
Retail trade	21.65	100.0	16.45	76.0	5.20	24.0	1.09	5.0	0.53	2.5	1.34	6.2	0.42	1.9	1.83	8.4
Transportation and warehousing	40.24	100.0	26.45	65.7	13.78	34.3	2.94	7.3	1.35	3.4	4.00	9.9	2.21	5.5	3.28	8.2
Utilities	67.62	100.0	41.64	61.6	25.98	38.4	5.99	8.9	2.27	3.4	6.31	9.3	6.64	9.8	4.77	7.0
Information	56.03	100.0	37.13	66.3	18.90	33.7	5.10	9.1	2.88	5.1	4.89	8.7	2.37	4.2	3.66	6.5
Financial activities	50.85	100.0	33.93	66.7	16.92	33.3	4.53	8.9	3.01	5.9	4.42	8.7	1.75	3.4	3.21	6.3
Financial and insurance	56.47	100.0	37.25	66.0	19.22	34.0	5.18	9.2	3.65	6.5	4.89	8.7	2.09	3.7	3.41	6.0
Credit intermediation and related activities	51.16	100.0	33.95	66.4	17.21	33.6	4.74	9.3	2.88	5.6	4.70	9.2	1.76	3.4	3.13	6.1
Insurance carriers and related activities	51.36	100.0	33.88	66.0	17.48	34.0	4.56	8.9	2.79	5.4	4.76	9.3	2.09	4.1	3.27	6.4
Real estate and rental and leasing	32.67	100.0	23.18	70.9	9.50	29.1	2.45	7.5	0.93	2.8	2.91	8.9	0.65	2.0	2.56	7.8
Professional and business services	44.39	100.0	31.94	72.0	12.45	28.0	3.59	8.1	1.54	3.5	2.86	6.4	1.28	2.9	3.18	7.2
Professional and technical services	58.74	100.0	42.06	71.6	16.68	28.4	5.21	8.9	1.95	3.3	3.79	6.5	1.80	3.1	3.93	6.7

Footnotes

(1) Includes costs for wages and salaries and benefits.

(2) Includes mining, construction, and manufacturing. The agriculture, forestry, farming, and hunting sector is excluded.

(3) Includes utilities; wholesale trade; retail trade; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

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Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
Administrative and waste services	24.05	100.0	18.27	75.9	5.79	24.1	1.19	5.0	0.63	2.6	1.42	5.9	0.37	1.5	2.17	9.0
Education and health services	37.55	100.0	26.45	70.5	11.10	29.5	3.23	8.6	0.82	2.2	3.16	8.4	1.20	3.2	2.67	7.1
Educational services	49.17	100.0	35.49	72.2	13.68	27.8	3.81	7.7	0.33	0.7	3.96	8.1	2.24	4.6	3.34	6.8
Junior colleges, colleges, universities and professional schools	60.85	100.0	42.45	69.8	18.40	30.2	5.46	9.0	0.44	0.7	5.43	8.9	3.25	5.3	3.83	6.3
Health care and social assistance	36.00	100.0	25.25	70.1	10.75	29.9	3.16	8.8	0.89	2.5	3.06	8.5	1.07	3.0	2.59	7.2
Leisure and hospitality	15.46	100.0	12.46	80.6	3.00	19.4	0.44	2.8	0.22	1.4	0.66	4.2	0.14	0.9	1.54	10.0
Accommodation and food services	14.84	100.0	11.96	80.6	2.88	19.4	0.39	2.6	0.22	1.5	0.63	4.3	0.14	0.9	1.50	10.1
Other services	29.54	100.0	21.97	74.4	7.57	25.6	1.87	6.3	0.50	1.7	1.76	5.9	1.03	3.5	2.40	8.1

Footnotes

(1) Includes costs for wages and salaries and benefits.

(2) Includes mining, construction, and manufacturing. The agriculture, forestry, farming, and hunting sector is excluded.

(3) Includes utilities; wholesale trade; retail trade; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

Table 5. Employer Costs for Employee Compensation for private industry workers by bargaining and work status
[Dec. 2020]

Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
Union																
All workers	50.90	100.0	30.25	59.4	20.65	40.6	3.64	7.1	1.86	3.6	6.99	13.7	4.41	8.7	3.75	7.4
Goods-producing ⁽²⁾	53.19	100.0	30.40	57.2	22.79	42.8	2.91	5.5	2.47	4.6	7.64	14.4	5.53	10.4	4.24	8.0
Service-providing ⁽³⁾	49.85	100.0	30.18	60.5	19.68	39.5	3.97	8.0	1.58	3.2	6.70	13.4	3.90	7.8	3.53	7.1
Nonunion																
All workers	34.99	100.0	25.08	71.7	9.91	28.3	2.61	7.5	1.20	3.4	2.46	7.0	0.98	2.8	2.66	7.6
Goods-producing ⁽²⁾	38.16	100.0	26.69	69.9	11.47	30.1	2.56	6.7	1.63	4.3	2.93	7.7	1.17	3.1	3.18	8.3
Service-providing ⁽³⁾	34.40	100.0	24.78	72.0	9.62	28.0	2.62	7.6	1.12	3.3	2.38	6.9	0.94	2.7	2.57	7.5
Full-time																
All workers	42.02	100.0	28.99	69.0	13.03	31.0	3.36	8.0	1.56	3.7	3.50	8.3	1.56	3.7	3.05	7.3
Occupational group																

Footnotes

(1) Includes costs for wages and salaries and benefits.

(2) Includes mining, construction, and manufacturing. The agriculture, forestry, farming, and hunting sector is excluded.

(3) Includes utilities; wholesale trade; retail trade; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

AR2022_401070

Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
Management, professional and related	64.20	100.0	44.36	69.1	19.84	30.9	6.11	9.5	2.44	3.8	4.73	7.4	2.45	3.8	4.12	6.4
Management, business, and financial	73.19	100.0	50.70	69.3	22.50	30.7	7.13	9.7	3.35	4.6	4.80	6.6	2.69	3.7	4.53	6.2
Professional and related	58.25	100.0	40.16	68.9	18.09	31.1	5.43	9.3	1.84	3.2	4.68	8.0	2.29	3.9	3.84	6.6
Sales and office	32.20	100.0	22.63	70.3	9.57	29.7	2.34	7.3	1.02	3.2	3.00	9.3	0.92	2.9	2.28	7.1
Sales and related	36.91	100.0	27.28	73.9	9.63	26.1	2.51	6.8	1.25	3.4	2.38	6.4	0.90	2.4	2.59	7.0
Office and administrative support	29.74	100.0	20.20	67.9	9.54	32.1	2.26	7.6	0.90	3.0	3.33	11.2	0.93	3.1	2.12	7.1
Service	21.68	100.0	15.70	72.4	5.98	27.6	1.24	5.7	0.60	2.7	1.89	8.7	0.43	2.0	1.82	8.4
Natural resources, construction, and maintenance	39.03	100.0	26.36	67.6	12.66	32.4	2.14	5.5	1.46	3.7	3.25	8.3	2.19	5.6	3.63	9.3
Construction, extraction, farming, fishing, and forestry	39.87	100.0	26.61	66.7	13.26	33.3	1.71	4.3	1.54	3.9	3.30	8.3	2.76	6.9	3.94	9.9
Installation, maintenance, and repair	38.08	100.0	26.09	68.5	11.99	31.5	2.62	6.9	1.37	3.6	3.20	8.4	1.53	4.0	3.27	8.6
Production, transportation, and material moving	32.29	100.0	21.36	66.2	10.92	33.8	2.12	6.6	1.47	4.6	3.33	10.3	1.27	3.9	2.74	8.5
Production	29.65	100.0	19.64	66.2	10.01	33.8	1.87	6.3	1.53	5.2	3.26	11.0	0.89	3.0	2.47	8.3
Transportation and material moving	35.24	100.0	23.29	66.1	11.95	33.9	2.40	6.8	1.41	4.0	3.40	9.7	1.70	4.8	3.04	8.6
Industry group																
Goods-producing ⁽²⁾	40.77	100.0	27.47	67.4	13.30	32.6	2.67	6.5	1.78	4.4	3.67	9.0	1.83	4.5	3.35	8.2
Construction	41.14	100.0	28.55	69.4	12.59	30.6	1.90	4.6	1.48	3.6	3.15	7.7	2.18	5.3	3.88	9.4
Manufacturing	40.43	100.0	26.80	66.3	13.63	33.7	3.09	7.6	1.91	4.7	3.96	9.8	1.63	4.0	3.03	7.5
Service-providing ⁽³⁾	42.37	100.0	29.42	69.4	12.95	30.6	3.55	8.4	1.49	3.5	3.45	8.1	1.48	3.5	2.97	7.0
Trade, transportation, and utilities	37.35	100.0	25.81	69.1	11.54	30.9	2.80	7.5	1.26	3.4	3.11	8.3	1.53	4.1	2.84	7.6
Information	61.32	100.0	40.37	65.8	20.96	34.2	5.64	9.2	3.26	5.3	5.44	8.9	2.67	4.4	3.94	6.4
Financial activities	52.85	100.0	35.10	66.4	17.76	33.6	4.78	9.1	3.18	6.0	4.65	8.8	1.85	3.5	3.30	6.2
Professional and business services	49.02	100.0	34.93	71.3	14.09	28.7	4.15	8.5	1.75	3.6	3.30	6.7	1.50	3.1	3.39	6.9
Education and health services	40.42	100.0	27.88	69.0	12.54	31.0	3.71	9.2	0.88	2.2	3.79	9.4	1.39	3.4	2.76	6.8

Footnotes

(1) Includes costs for wages and salaries and benefits.

(2) Includes mining, construction, and manufacturing. The agriculture, forestry, farming, and hunting sector is excluded.

(3) Includes utilities; wholesale trade; retail trade; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

AR2022_401071

Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
Leisure and hospitality	21.15	100.0	16.09	76.0	5.07	24.0	1.04	4.9	0.47	2.2	1.40	6.6	0.32	1.5	1.84	8.7
Other services	34.56	100.0	24.85	71.9	9.71	28.1	2.54	7.3	0.65	1.9	2.42	7.0	1.45	4.2	2.64	7.7
Part-time																
All workers	19.16	100.0	15.14	79.0	4.02	21.0	0.71	3.7	0.35	1.8	0.80	4.2	0.32	1.6	1.84	9.6
Occupational group																
Management, professional and related	41.40	100.0	31.43	75.9	9.97	24.1	2.91	7.0	0.93	2.2	1.78	4.3	1.05	2.5	3.30	8.0
Professional and related	42.07	100.0	31.84	75.7	10.23	24.3	3.05	7.2	0.89	2.1	1.85	4.4	1.10	2.6	3.34	7.9
Sales and office	16.91	100.0	13.53	80.0	3.38	20.0	0.51	3.0	0.27	1.6	0.83	4.9	0.25	1.5	1.53	9.0
Sales and related	15.22	100.0	12.60	82.8	2.62	17.2	0.33	2.1	0.24	1.6	0.45	3.0	0.16	1.0	1.44	9.5
Office and administrative support	19.73	100.0	15.08	76.4	4.65	23.6	0.82	4.1	0.31	1.6	1.45	7.3	0.40	2.0	1.67	8.5
Service	14.36	100.0	11.84	82.5	2.52	17.5	0.31	2.2	0.18	1.3	0.40	2.8	0.11	0.8	1.51	10.5
Production, transportation, and material moving	20.32	100.0	15.05	74.0	5.28	26.0	0.57	2.8	0.59	2.9	1.27	6.2	0.52	2.5	2.33	11.5
Transportation and material moving	21.46	100.0	15.59	72.6	5.87	27.4	0.61	2.9	0.67	3.1	1.48	6.9	0.63	2.9	2.48	11.5
Industry group																
Service-providing ⁽³⁾	19.06	100.0	15.08	79.1	3.98	20.9	0.72	3.8	0.34	1.8	0.79	4.1	0.31	1.6	1.82	9.6
Trade, transportation, and utilities	17.81	100.0	13.85	77.8	3.95	22.2	0.52	2.9	0.33	1.9	0.99	5.5	0.39	2.2	1.72	9.7
Professional and business services	20.21	100.0	16.33	80.8	3.89	19.2	0.66	3.2	0.47	2.3	0.54	2.7	0.13	0.6	2.10	10.4
Education and health services	29.38	100.0	22.39	76.2	6.99	23.8	1.88	6.4	0.64	2.2	1.36	4.6	0.67	2.3	2.44	8.3
Leisure and hospitality	12.66	100.0	10.68	84.3	1.99	15.7	0.15	1.2	0.10	0.8	0.29	2.3	0.06	0.5	1.39	11.0

Footnotes

(1) Includes costs for wages and salaries and benefits.

(2) Includes mining, construction, and manufacturing. The agriculture, forestry, farming, and hunting sector is excluded.

(3) Includes utilities; wholesale trade; retail trade; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

Table 6. Employer Costs for Employee Compensation for private industry workers by establishment size and industry group
[Dec. 2020]

Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
All workers																

Footnotes

(1) Includes costs for wages and salaries and benefits.

(2) Includes mining, construction, and manufacturing. The agriculture, forestry, farming, and hunting sector is excluded.

(3) Includes utilities; wholesale trade; retail trade; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

Series	Total compensation ⁽¹⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
1-99 workers	29.99	100.0	22.21	74.0	7.78	26.0	1.88	6.3	0.75	2.5	1.95	6.5	0.74	2.5	2.46	8.2
1-49 workers	29.05	100.0	21.75	74.9	7.31	25.1	1.77	6.1	0.71	2.4	1.77	6.1	0.64	2.2	2.42	8.3
50-99 workers	33.46	100.0	23.92	71.5	9.55	28.5	2.31	6.9	0.91	2.7	2.63	7.9	1.08	3.2	2.62	7.8
100 workers or more	44.23	100.0	29.68	67.1	14.55	32.9	3.72	8.4	1.89	4.3	3.92	8.9	1.90	4.3	3.11	7.0
100-499 workers	37.14	100.0	25.80	69.5	11.34	30.5	2.85	7.7	1.28	3.4	3.13	8.4	1.29	3.5	2.80	7.5
500 workers or more	53.83	100.0	34.94	64.9	18.88	35.1	4.91	9.1	2.73	5.1	4.99	9.3	2.72	5.1	3.54	6.6
Goods-producing ⁽²⁾																
1-99 workers	34.82	100.0	24.68	70.9	10.13	29.1	1.78	5.1	1.21	3.5	2.64	7.6	1.33	3.8	3.18	9.1
1-49 workers	33.00	100.0	23.74	71.9	9.26	28.1	1.62	4.9	1.07	3.3	2.28	6.9	1.14	3.4	3.15	9.6
50-99 workers	39.80	100.0	27.27	68.5	12.52	31.5	2.21	5.6	1.59	4.0	3.62	9.1	1.84	4.6	3.26	8.2
100 workers or more	45.51	100.0	29.62	65.1	15.89	34.9	3.40	7.5	2.26	5.0	4.52	9.9	2.24	4.9	3.47	7.6
100-499 workers	42.38	100.0	28.11	66.3	14.27	33.7	2.93	6.9	1.89	4.5	4.09	9.6	1.95	4.6	3.41	8.0
500 workers or more	50.61	100.0	32.07	63.4	18.53	36.6	4.16	8.2	2.86	5.6	5.24	10.3	2.71	5.4	3.57	7.1
Service-providing ⁽³⁾																
1-99 workers	29.17	100.0	21.79	74.7	7.38	25.3	1.90	6.5	0.67	2.3	1.84	6.3	0.64	2.2	2.34	8.0
1-49 workers	28.43	100.0	21.43	75.4	7.00	24.6	1.79	6.3	0.65	2.3	1.69	5.9	0.57	2.0	2.30	8.1
50-99 workers	32.04	100.0	23.16	72.3	8.88	27.7	2.33	7.3	0.76	2.4	2.41	7.5	0.90	2.8	2.47	7.7
100 workers or more	43.91	100.0	29.70	67.6	14.21	32.4	3.80	8.7	1.80	4.1	3.77	8.6	1.81	4.1	3.02	6.9
100-499 workers	35.71	100.0	25.16	70.5	10.54	29.5	2.82	7.9	1.11	3.1	2.87	8.0	1.11	3.1	2.63	7.4
500 workers or more	54.52	100.0	35.57	65.2	18.96	34.8	5.08	9.3	2.70	5.0	4.93	9.0	2.72	5.0	3.53	6.5

Footnotes

(1) Includes costs for wages and salaries and benefits.

(2) Includes mining, construction, and manufacturing. The agriculture, forestry, farming, and hunting sector is excluded.

(3) Includes utilities; wholesale trade; retail trade; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

Table 7. Employer Costs for Employee Compensation for private industry workers by census region and division

[Dec. 2020]

Area ⁽¹⁾	Total compensation ⁽²⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent

Footnotes

(1) The census divisions are defined as follows: New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont; Middle Atlantic: New Jersey, New York, and Pennsylvania; South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; East South Central: Alabama, Kentucky, Mississippi, and Tennessee; West South Central: Arkansas, Louisiana, Oklahoma, and Texas; East North Central: Illinois, Indiana, Michigan, Ohio, and Wisconsin; West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota; Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming; and Pacific: Alaska, California, Hawaii, Oregon, and Washington.

(2) Includes costs for wages and salaries and benefits.

AR2022_401073

Area ⁽¹⁾	Total compensation ⁽²⁾		Wages and salaries		Total benefits		Paid leave		Supplemental pay		Insurance		Retirement and savings		Legally required benefits	
	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent	Cost (\$)	Percent
Northeast	40.62	100.0	27.89	68.7	12.72	31.3	3.20	7.9	1.48	3.6	3.35	8.3	1.56	3.8	3.14	7.7
New England	40.63	100.0	28.23	69.5	12.40	30.5	3.29	8.1	1.26	3.1	3.26	8.0	1.49	3.7	3.10	7.6
Middle Atlantic	40.61	100.0	27.77	68.4	12.84	31.6	3.16	7.8	1.55	3.8	3.39	8.3	1.59	3.9	3.15	7.8
South	32.34	100.0	23.39	72.3	8.95	27.7	2.32	7.2	1.08	3.3	2.18	6.7	0.98	3.0	2.39	7.4
South Atlantic	34.00	100.0	24.53	72.1	9.47	27.9	2.54	7.5	1.05	3.1	2.28	6.7	1.07	3.2	2.53	7.4
East South Central	29.55	100.0	21.30	72.1	8.25	27.9	2.08	7.0	0.85	2.9	2.20	7.5	0.96	3.3	2.16	7.3
West South Central	30.68	100.0	22.35	72.8	8.34	27.2	2.03	6.6	1.25	4.1	1.97	6.4	0.83	2.7	2.26	7.4
Midwest	34.76	100.0	24.01	69.1	10.75	30.9	2.50	7.2	1.30	3.7	3.05	8.8	1.31	3.8	2.59	7.5
East North Central	35.70	100.0	24.63	69.0	11.07	31.0	2.56	7.2	1.38	3.9	3.05	8.6	1.45	4.1	2.64	7.4
West North Central	32.82	100.0	22.73	69.3	10.08	30.7	2.39	7.3	1.13	3.5	3.03	9.2	1.03	3.2	2.50	7.6
West	40.19	100.0	28.28	70.4	11.91	29.6	3.04	7.6	1.28	3.2	3.12	7.8	1.33	3.3	3.14	7.8
Mountain	33.80	100.0	23.61	69.8	10.19	30.2	2.38	7.0	1.25	3.7	2.85	8.4	1.16	3.4	2.55	7.5
Pacific	42.81	100.0	30.19	70.5	12.62	29.5	3.31	7.7	1.29	3.0	3.24	7.6	1.40	3.3	3.38	7.9

Footnotes

(1) The census divisions are defined as follows: New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont; Middle Atlantic: New Jersey, New York, and Pennsylvania; South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; East South Central: Alabama, Kentucky, Mississippi, and Tennessee; West South Central: Arkansas, Louisiana, Oklahoma, and Texas; East North Central: Illinois, Indiana, Michigan, Ohio, and Wisconsin; West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota; Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming; and Pacific: Alaska, California, Hawaii, Oregon, and Washington.

(2) Includes costs for wages and salaries and benefits.

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Historical Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items, by month
 [1982-84=100, unless otherwise noted]

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1913.....	9.8	9.8	9.8	9.8	9.7	9.8	9.9	9.9	10.0	10.0	10.1	10.0
1914.....	10.0	9.9	9.9	9.8	9.9	9.9	10.0	10.2	10.2	10.1	10.2	10.1
1915.....	10.1	10.0	9.9	10.0	10.1	10.1	10.1	10.1	10.1	10.2	10.3	10.3
1916.....	10.4	10.4	10.5	10.6	10.7	10.8	10.8	10.9	11.1	11.3	11.5	11.6
1917.....	11.7	12.0	12.0	12.6	12.8	13.0	12.8	13.0	13.3	13.5	13.5	13.7
1918.....	14.0	14.1	14.0	14.2	14.5	14.7	15.1	15.4	15.7	16.0	16.3	16.5
1919.....	16.5	16.2	16.4	16.7	16.9	16.9	17.4	17.7	17.8	18.1	18.5	18.9
1920.....	19.3	19.5	19.7	20.3	20.6	20.9	20.8	20.3	20.0	19.9	19.8	19.4
1921.....	19.0	18.4	18.3	18.1	17.7	17.6	17.7	17.7	17.5	17.5	17.4	17.3
1922.....	16.9	16.9	16.7	16.7	16.7	16.7	16.8	16.6	16.6	16.7	16.8	16.9
1923.....	16.8	16.8	16.8	16.9	16.9	17.0	17.2	17.1	17.2	17.3	17.3	17.3
1924.....	17.3	17.2	17.1	17.0	17.0	17.0	17.1	17.0	17.1	17.2	17.2	17.3
1925.....	17.3	17.2	17.3	17.2	17.3	17.5	17.7	17.7	17.7	17.7	18.0	17.9
1926.....	17.9	17.9	17.8	17.9	17.8	17.7	17.5	17.4	17.5	17.6	17.7	17.7
1927.....	17.5	17.4	17.3	17.3	17.4	17.6	17.3	17.2	17.3	17.4	17.3	17.3
1928.....	17.3	17.1	17.1	17.1	17.2	17.1	17.1	17.1	17.3	17.2	17.2	17.1
1929.....	17.1	17.1	17.0	16.9	17.0	17.1	17.3	17.3	17.3	17.3	17.3	17.2
1930.....	17.1	17.0	16.9	17.0	16.9	16.8	16.6	16.5	16.6	16.5	16.4	16.1
1931.....	15.9	15.7	15.6	15.5	15.3	15.1	15.1	15.1	15.0	14.9	14.7	14.6
1932.....	14.3	14.1	14.0	13.9	13.7	13.6	13.6	13.5	13.4	13.3	13.2	13.1
1933.....	12.9	12.7	12.6	12.6	12.6	12.7	13.1	13.2	13.2	13.2	13.2	13.2
1934.....	13.2	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.6	13.5	13.5	13.4
1935.....	13.6	13.7	13.7	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.8	13.8
1936.....	13.8	13.8	13.7	13.7	13.7	13.8	13.9	14.0	14.0	14.0	14.0	14.0
1937.....	14.1	14.1	14.2	14.3	14.4	14.4	14.5	14.5	14.6	14.6	14.5	14.4
1938.....	14.2	14.1	14.1	14.2	14.1	14.1	14.1	14.1	14.1	14.0	14.0	14.0
1939.....	14.0	13.9	13.9	13.8	13.8	13.8	13.8	13.8	14.1	14.0	14.0	14.0
1940.....	13.9	14.0	14.0	14.0	14.0	14.1	14.0	14.0	14.0	14.0	14.0	14.1
1941.....	14.1	14.1	14.2	14.3	14.4	14.7	14.7	14.9	15.1	15.3	15.4	15.5
1942.....	15.7	15.8	16.0	16.1	16.3	16.3	16.4	16.5	16.5	16.7	16.8	16.9
1943.....	16.9	16.9	17.2	17.4	17.5	17.5	17.4	17.3	17.4	17.4	17.4	17.4
1944.....	17.4	17.4	17.4	17.5	17.5	17.6	17.7	17.7	17.7	17.7	17.7	17.8
1945.....	17.8	17.8	17.8	17.8	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.2
1946.....	18.2	18.1	18.3	18.4	18.5	18.7	19.8	20.2	20.4	20.8	21.3	21.5
1947.....	21.5	21.5	21.9	21.9	21.9	22.0	22.2	22.5	23.0	23.0	23.1	23.4
1948.....	23.7	23.5	23.4	23.8	23.9	24.1	24.4	24.5	24.5	24.4	24.2	24.1
1949.....	24.0	23.8	23.8	23.9	23.8	23.9	23.7	23.8	23.9	23.7	23.8	23.6
1950.....	23.5	23.5	23.6	23.6	23.7	23.8	24.1	24.3	24.4	24.6	24.7	25.0
1951.....	25.4	25.7	25.8	25.8	25.9	25.9	25.9	25.9	26.1	26.2	26.4	26.5
1952.....	26.5	26.3	26.3	26.4	26.4	26.5	26.7	26.7	26.7	26.7	26.7	26.7
1953.....	26.6	26.5	26.6	26.6	26.7	26.8	26.8	26.9	26.9	27.0	26.9	26.9
1954.....	26.9	26.9	26.9	26.8	26.9	26.9	26.9	26.9	26.8	26.8	26.8	26.7
1955.....	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8	26.9	26.9	26.9	26.8
1956.....	26.8	26.8	26.8	26.9	27.0	27.2	27.4	27.3	27.4	27.5	27.5	27.6
1957.....	27.6	27.7	27.8	27.9	28.0	28.1	28.3	28.3	28.3	28.3	28.4	28.4
1958.....	28.6	28.6	28.8	28.9	28.9	28.9	29.0	28.9	28.9	28.9	29.0	28.9
1959.....	29.0	28.9	28.9	29.0	29.0	29.1	29.2	29.2	29.3	29.4	29.4	29.4
1960.....	29.3	29.4	29.4	29.5	29.5	29.6	29.6	29.6	29.6	29.8	29.8	29.8
1961.....	29.8	29.8	29.8	29.8	29.8	29.8	30.0	29.9	30.0	30.0	30.0	30.0
1962.....	30.0	30.1	30.1	30.2	30.2	30.2	30.3	30.3	30.4	30.4	30.4	30.4
1963.....	30.4	30.4	30.5	30.5	30.5	30.6	30.7	30.7	30.7	30.8	30.8	30.9
1964.....	30.9	30.9	30.9	30.9	30.9	31.0	31.1	31.0	31.1	31.1	31.2	31.2
1965.....	31.2	31.2	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.7	31.7	31.8
1966.....	31.8	32.0	32.1	32.3	32.3	32.4	32.5	32.7	32.7	32.9	32.9	32.9
1967.....	32.9	32.9	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9
1968.....	34.1	34.2	34.3	34.4	34.5	34.7	34.9	35.0	35.1	35.3	35.4	35.5
1969.....	35.6	35.8	36.1	36.3	36.4	36.6	36.8	37.0	37.1	37.3	37.5	37.7
1970.....	37.8	38.0	38.2	38.5	38.6	38.8	39.0	39.0	39.2	39.4	39.6	39.8

Historical Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items, by month — Continued

[1982-84=100, unless otherwise noted]

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1971.....	39.8	39.9	40.0	40.1	40.3	40.6	40.7	40.8	40.8	40.9	40.9	41.1
1972.....	41.1	41.3	41.4	41.5	41.6	41.7	41.9	42.0	42.1	42.3	42.4	42.5
1973.....	42.6	42.9	43.3	43.6	43.9	44.2	44.3	45.1	45.2	45.6	45.9	46.2
1974.....	46.6	47.2	47.8	48.0	48.6	49.0	49.4	50.0	50.6	51.1	51.5	51.9
1975.....	52.1	52.5	52.7	52.9	53.2	53.6	54.2	54.3	54.6	54.9	55.3	55.5
1976.....	55.6	55.8	55.9	56.1	56.5	56.8	57.1	57.4	57.6	57.9	58.0	58.2
1977.....	58.5	59.1	59.5	60.0	60.3	60.7	61.0	61.2	61.4	61.6	61.9	62.1
1978.....	62.5	62.9	63.4	63.9	64.5	65.2	65.7	66.0	66.5	67.1	67.4	67.7
1979.....	68.3	69.1	69.8	70.6	71.5	72.3	73.1	73.8	74.6	75.2	75.9	76.7
1980.....	77.8	78.9	80.1	81.0	81.8	82.7	82.7	83.3	84.0	84.8	85.5	86.3
1981.....	87.0	87.9	88.5	89.1	89.8	90.6	91.6	92.3	93.2	93.4	93.7	94.0
1982.....	94.3	94.6	94.5	94.9	95.8	97.0	97.5	97.7	97.9	98.2	98.0	97.6
1983.....	97.8	97.9	97.9	98.6	99.2	99.5	99.9	100.2	100.7	101.0	101.2	101.3
1984.....	101.9	102.4	102.6	103.1	103.4	103.7	104.1	104.5	105.0	105.3	105.3	105.3
1985.....	105.5	106.0	106.4	106.9	107.3	107.6	107.8	108.0	108.3	108.7	109.0	109.3
1986.....	109.6	109.3	108.8	108.6	108.9	109.5	109.5	109.7	110.2	110.3	110.4	110.5
1987.....	111.2	111.6	112.1	112.7	113.1	113.5	113.8	114.4	115.0	115.3	115.4	115.4
1988.....	115.7	116.0	116.5	117.1	117.5	118.0	118.5	119.0	119.8	120.2	120.3	120.5
1989.....	121.1	121.6	122.3	123.1	123.8	124.1	124.4	124.6	125.0	125.6	125.9	126.1
1990.....	127.4	128.0	128.7	128.9	129.2	129.9	130.4	131.6	132.7	133.5	133.8	133.8
1991.....	134.6	134.8	135.0	135.2	135.6	136.0	136.2	136.6	137.2	137.4	137.8	137.9
1992.....	138.1	138.6	139.3	139.5	139.7	140.2	140.5	140.9	141.3	141.8	142.0	141.9
1993.....	142.6	143.1	143.6	144.0	144.2	144.4	144.4	144.8	145.1	145.7	145.8	145.8
1994.....	146.2	146.7	147.2	147.4	147.5	148.0	148.4	149.0	149.4	149.5	149.7	149.7
1995.....	150.3	150.9	151.4	151.9	152.2	152.5	152.5	152.9	153.2	153.7	153.6	153.5
1996.....	154.4	154.9	155.7	156.3	156.6	156.7	157.0	157.3	157.8	158.3	158.6	158.6
1997.....	159.1	159.6	160.0	160.2	160.1	160.3	160.5	160.8	161.2	161.6	161.5	161.3
1998.....	161.6	161.9	162.2	162.5	162.8	163.0	163.2	163.4	163.6	164.0	164.0	163.9
1999.....	164.3	164.5	165.0	166.2	166.2	166.2	166.7	167.1	167.9	168.2	168.3	168.3
2000.....	168.8	169.8	171.2	171.3	171.5	172.4	172.8	172.8	173.7	174.0	174.1	174.0
2001.....	175.1	175.8	176.2	176.9	177.7	178.0	177.5	177.5	178.3	177.7	177.4	176.7
2002.....	177.1	177.8	178.8	179.8	179.8	179.9	180.1	180.7	181.0	181.3	181.3	180.9
2003.....	181.7	183.1	184.2	183.8	183.5	183.7	183.9	184.6	185.2	185.0	184.5	184.3
2004.....	185.2	186.2	187.4	188.0	189.1	189.7	189.4	189.5	189.9	190.9	191.0	190.3
2005.....	190.7	191.8	193.3	194.6	194.4	194.5	195.4	196.4	198.8	199.2	197.6	196.8
2006.....	198.3	198.7	199.8	201.5	202.5	202.9	203.5	203.9	202.9	201.8	201.5	201.8
2007.....	202.416	203.499	205.352	206.686	207.949	208.352	208.299	207.917	208.490	208.936	210.177	210.036
2008.....	211.080	211.693	213.528	214.823	216.632	218.815	219.964	219.086	218.783	216.573	212.425	210.228
2009.....	211.143	212.193	212.709	213.240	213.856	215.693	215.351	215.834	215.969	216.177	216.330	215.949
2010.....	216.687	216.741	217.631	218.009	218.178	217.965	218.011	218.312	218.439	218.711	218.803	219.179
2011.....	220.223	221.309	223.467	224.906	225.964	225.722	225.922	226.545	226.889	226.421	226.230	225.672
2012.....	226.665	227.663	229.392	230.085	229.815	229.478	229.104	230.379	231.407	231.317	230.221	229.601
2013.....	230.280	232.166	232.773	232.531	232.945	233.504	233.596	233.877	234.149	233.546	233.069	233.049
2014.....	233.916	234.781	236.293	237.072	237.900	238.343	238.250	237.852	238.031	237.433	236.151	234.812
2015.....	233.707	234.722	236.119	236.599	237.805	238.638	238.654	238.316	237.945	237.838	237.336	236.525
2016.....	236.916	237.111	238.132	239.261	240.229	241.018	240.628	240.849	241.428	241.729	241.353	241.432
2017.....	242.839	243.603	243.801	244.524	244.733	244.955	244.786	245.519	246.819	246.663	246.669	246.524
2018.....	247.867	248.991	249.554	250.546	251.588	251.989	252.006	252.146	252.439	252.885	252.038	251.233
2019.....	251.712	252.776	254.202	255.548	256.092	256.143	256.571	256.558	256.759	257.346	257.208	256.974
2020.....	257.971	258.678	258.115	256.389	256.394	257.797	259.101	259.918	260.280	260.388	260.229	260.474
2021.....	261.582	263.014	264.877	267.054	269.195	271.696	273.003	273.567	274.310	276.589	277.948	278.802

Historical Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items, index averages
 [1982-84=100, unless otherwise noted]

Year	Semiannual averages		Annual avg.	Percent change from previous	
	1st half	2nd half		Dec.	Annual avg.
1913.....	—	—	9.9	—	—
1914.....	—	—	10.0	1.0	1.0
1915.....	—	—	10.1	2.0	1.0
1916.....	—	—	10.9	12.6	7.9
1917.....	—	—	12.8	18.1	17.4
1918.....	—	—	15.1	20.4	18.0
1919.....	—	—	17.3	14.5	14.6
1920.....	—	—	20.0	2.6	15.6
1921.....	—	—	17.9	-10.8	-10.5
1922.....	—	—	16.8	-2.3	-6.1
1923.....	—	—	17.1	2.4	1.8
1924.....	—	—	17.1	0.0	0.0
1925.....	—	—	17.5	3.5	2.3
1926.....	—	—	17.7	-1.1	1.1
1927.....	—	—	17.4	-2.3	-1.7
1928.....	—	—	17.1	-1.2	-1.7
1929.....	—	—	17.1	0.6	0.0
1930.....	—	—	16.7	-6.4	-2.3
1931.....	—	—	15.2	-9.3	-9.0
1932.....	—	—	13.7	-10.3	-9.9
1933.....	—	—	13.0	0.8	-5.1
1934.....	—	—	13.4	1.5	3.1
1935.....	—	—	13.7	3.0	2.2
1936.....	—	—	13.9	1.4	1.5
1937.....	—	—	14.4	2.9	3.6
1938.....	—	—	14.1	-2.8	-2.1
1939.....	—	—	13.9	0.0	-1.4
1940.....	—	—	14.0	0.7	0.7
1941.....	—	—	14.7	9.9	5.0
1942.....	—	—	16.3	9.0	10.9
1943.....	—	—	17.3	3.0	6.1
1944.....	—	—	17.6	2.3	1.7
1945.....	—	—	18.0	2.2	2.3
1946.....	—	—	19.5	18.1	8.3
1947.....	—	—	22.3	8.8	14.4
1948.....	—	—	24.1	3.0	8.1
1949.....	—	—	23.8	-2.1	-1.2
1950.....	—	—	24.1	5.9	1.3
1951.....	—	—	26.0	6.0	7.9
1952.....	—	—	26.5	0.8	1.9
1953.....	—	—	26.7	0.7	0.8
1954.....	—	—	26.9	-0.7	0.7
1955.....	—	—	26.8	0.4	-0.4
1956.....	—	—	27.2	3.0	1.5
1957.....	—	—	28.1	2.9	3.3
1958.....	—	—	28.9	1.8	2.8
1959.....	—	—	29.1	1.7	0.7
1960.....	—	—	29.6	1.4	1.7
1961.....	—	—	29.9	0.7	1.0
1962.....	—	—	30.2	1.3	1.0
1963.....	—	—	30.6	1.6	1.3
1964.....	—	—	31.0	1.0	1.3
1965.....	—	—	31.5	1.9	1.6
1966.....	—	—	32.4	3.5	2.9
1967.....	—	—	33.4	3.0	3.1

Historical Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items, index averages — Continued

[1982-84=100, unless otherwise noted]

Year	Semiannual averages		Annual avg.	Percent change from previous	
	1st half	2nd half		Dec.	Annual avg.
1968.....	—	—	34.8	4.7	4.2
1969.....	—	—	36.7	6.2	5.5
1970.....	—	—	38.8	5.6	5.7
1971.....	—	—	40.5	3.3	4.4
1972.....	—	—	41.8	3.4	3.2
1973.....	—	—	44.4	8.7	6.2
1974.....	—	—	49.3	12.3	11.0
1975.....	—	—	53.8	6.9	9.1
1976.....	—	—	56.9	4.9	5.8
1977.....	—	—	60.6	6.7	6.5
1978.....	—	—	65.2	9.0	7.6
1979.....	—	—	72.6	13.3	11.3
1980.....	—	—	82.4	12.5	13.5
1981.....	—	—	90.9	8.9	10.3
1982.....	—	—	96.5	3.8	6.2
1983.....	—	—	99.6	3.8	3.2
1984.....	102.9	104.9	103.9	3.9	4.3
1985.....	106.6	108.5	107.6	3.8	3.6
1986.....	109.1	110.1	109.6	1.1	1.9
1987.....	112.4	114.9	113.6	4.4	3.6
1988.....	116.8	119.7	118.3	4.4	4.1
1989.....	122.7	125.3	124.0	4.6	4.8
1990.....	128.7	132.6	130.7	6.1	5.4
1991.....	135.2	137.2	136.2	3.1	4.2
1992.....	139.2	141.4	140.3	2.9	3.0
1993.....	143.7	145.3	144.5	2.7	3.0
1994.....	147.2	149.3	148.2	2.7	2.6
1995.....	151.5	153.2	152.4	2.5	2.8
1996.....	155.8	157.9	156.9	3.3	3.0
1997.....	159.9	161.2	160.5	1.7	2.3
1998.....	162.3	163.7	163.0	1.6	1.6
1999.....	165.4	167.8	166.6	2.7	2.2
2000.....	170.8	173.6	172.2	3.4	3.4
2001.....	176.6	177.5	177.1	1.6	2.8
2002.....	178.9	180.9	179.9	2.4	1.6
2003.....	183.3	184.6	184.0	1.9	2.3
2004.....	187.6	190.2	188.9	3.3	2.7
2005.....	193.2	197.4	195.3	3.4	3.4
2006.....	200.6	202.6	201.6	2.5	3.2
2007.....	205.709	208.976	207.342	4.1	2.8
2008.....	214.429	216.177	215.303	0.1	3.8
2009.....	213.139	215.935	214.537	2.7	-0.4
2010.....	217.535	218.576	218.056	1.5	1.6
2011.....	223.598	226.280	224.939	3.0	3.2
2012.....	228.850	230.338	229.594	1.7	2.1
2013.....	232.366	233.548	232.957	1.5	1.5
2014.....	236.384	237.088	236.736	0.8	1.6
2015.....	236.265	237.769	237.017	0.7	0.1
2016.....	238.778	241.237	240.007	2.1	1.3
2017.....	244.076	246.163	245.120	2.1	2.1
2018.....	250.089	252.125	251.107	1.9	2.4
2019.....	254.412	256.903	255.657	2.3	1.8
2020.....	257.557	260.065	258.811	1.4	1.2
2021.....	266.236	275.703	270.970	7.0	4.7

Historical Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items, by month
 [1982-84=100, unless otherwise noted]

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1913.....	9.8	9.8	9.8	9.8	9.7	9.8	9.9	9.9	10.0	10.0	10.1	10.0
1914.....	10.0	9.9	9.9	9.8	9.9	9.9	10.0	10.2	10.2	10.1	10.2	10.1
1915.....	10.1	10.0	9.9	10.0	10.1	10.1	10.1	10.1	10.1	10.2	10.3	10.3
1916.....	10.4	10.4	10.5	10.6	10.7	10.8	10.8	10.9	11.1	11.3	11.5	11.6
1917.....	11.7	12.0	12.0	12.6	12.8	13.0	12.8	13.0	13.3	13.5	13.5	13.7
1918.....	14.0	14.1	14.0	14.2	14.5	14.7	15.1	15.4	15.7	16.0	16.3	16.5
1919.....	16.5	16.2	16.4	16.7	16.9	16.9	17.4	17.7	17.8	18.1	18.5	18.9
1920.....	19.3	19.5	19.7	20.3	20.6	20.9	20.8	20.3	20.0	19.9	19.8	19.4
1921.....	19.0	18.4	18.3	18.1	17.7	17.6	17.7	17.7	17.5	17.5	17.4	17.3
1922.....	16.9	16.9	16.7	16.7	16.7	16.7	16.8	16.6	16.6	16.7	16.8	16.9
1923.....	16.8	16.8	16.8	16.9	16.9	17.0	17.2	17.1	17.2	17.3	17.3	17.3
1924.....	17.3	17.2	17.1	17.0	17.0	17.0	17.1	17.0	17.1	17.2	17.2	17.3
1925.....	17.3	17.2	17.3	17.2	17.3	17.5	17.7	17.7	17.7	17.7	18.0	17.9
1926.....	17.9	17.9	17.8	17.9	17.8	17.7	17.5	17.4	17.5	17.6	17.7	17.7
1927.....	17.5	17.4	17.3	17.3	17.4	17.6	17.3	17.2	17.3	17.4	17.3	17.3
1928.....	17.3	17.1	17.1	17.1	17.2	17.1	17.1	17.1	17.3	17.2	17.2	17.1
1929.....	17.1	17.1	17.0	16.9	17.0	17.1	17.3	17.3	17.3	17.3	17.3	17.2
1930.....	17.1	17.0	16.9	17.0	16.9	16.8	16.6	16.5	16.6	16.5	16.4	16.1
1931.....	15.9	15.7	15.6	15.5	15.3	15.1	15.1	15.1	15.0	14.9	14.7	14.6
1932.....	14.3	14.1	14.0	13.9	13.7	13.6	13.6	13.5	13.4	13.3	13.2	13.1
1933.....	12.9	12.7	12.6	12.6	12.6	12.7	13.1	13.2	13.2	13.2	13.2	13.2
1934.....	13.2	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.6	13.5	13.5	13.4
1935.....	13.6	13.7	13.7	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.8	13.8
1936.....	13.8	13.8	13.7	13.7	13.7	13.8	13.9	14.0	14.0	14.0	14.0	14.0
1937.....	14.1	14.1	14.2	14.3	14.4	14.4	14.5	14.5	14.6	14.6	14.5	14.4
1938.....	14.2	14.1	14.1	14.2	14.1	14.1	14.1	14.1	14.1	14.0	14.0	14.0
1939.....	14.0	13.9	13.9	13.8	13.8	13.8	13.8	13.8	14.1	14.0	14.0	14.0
1940.....	13.9	14.0	14.0	14.0	14.0	14.1	14.0	14.0	14.0	14.0	14.0	14.1
1941.....	14.1	14.1	14.2	14.3	14.4	14.7	14.7	14.9	15.1	15.3	15.4	15.5
1942.....	15.7	15.8	16.0	16.1	16.3	16.3	16.4	16.5	16.5	16.7	16.8	16.9
1943.....	16.9	16.9	17.2	17.4	17.5	17.5	17.4	17.3	17.4	17.4	17.4	17.4
1944.....	17.4	17.4	17.4	17.5	17.5	17.6	17.7	17.7	17.7	17.7	17.7	17.8
1945.....	17.8	17.8	17.8	17.8	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.2
1946.....	18.2	18.1	18.3	18.4	18.5	18.7	19.8	20.2	20.4	20.8	21.3	21.5
1947.....	21.5	21.5	21.9	21.9	21.9	22.0	22.2	22.5	23.0	23.0	23.1	23.4
1948.....	23.7	23.5	23.4	23.8	23.9	24.1	24.4	24.5	24.5	24.4	24.2	24.1
1949.....	24.0	23.8	23.8	23.9	23.8	23.9	23.7	23.8	23.9	23.7	23.8	23.6
1950.....	23.5	23.5	23.6	23.6	23.7	23.8	24.1	24.3	24.4	24.6	24.7	25.0
1951.....	25.4	25.7	25.8	25.8	25.9	25.9	25.9	25.9	26.1	26.2	26.4	26.5
1952.....	26.5	26.3	26.3	26.4	26.4	26.5	26.7	26.7	26.7	26.7	26.7	26.7
1953.....	26.6	26.5	26.6	26.6	26.7	26.8	26.8	26.9	26.9	27.0	26.9	26.9
1954.....	26.9	26.9	26.9	26.8	26.9	26.9	26.9	26.9	26.8	26.8	26.8	26.7
1955.....	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8	26.9	26.9	26.9	26.8
1956.....	26.8	26.8	26.8	26.9	27.0	27.2	27.4	27.3	27.4	27.5	27.5	27.6
1957.....	27.6	27.7	27.8	27.9	28.0	28.1	28.3	28.3	28.3	28.3	28.4	28.4
1958.....	28.6	28.6	28.8	28.9	28.9	28.9	29.0	28.9	28.9	28.9	29.0	28.9
1959.....	29.0	28.9	28.9	29.0	29.0	29.1	29.2	29.2	29.3	29.4	29.4	29.4
1960.....	29.3	29.4	29.4	29.5	29.5	29.6	29.6	29.6	29.6	29.8	29.8	29.8
1961.....	29.8	29.8	29.8	29.8	29.8	29.8	30.0	29.9	30.0	30.0	30.0	30.0
1962.....	30.0	30.1	30.1	30.2	30.2	30.2	30.3	30.3	30.4	30.4	30.4	30.4
1963.....	30.4	30.4	30.5	30.5	30.5	30.6	30.7	30.7	30.7	30.8	30.8	30.9
1964.....	30.9	30.9	30.9	30.9	30.9	31.0	31.1	31.0	31.1	31.1	31.2	31.2
1965.....	31.2	31.2	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.7	31.7	31.8
1966.....	31.8	32.0	32.1	32.3	32.3	32.4	32.5	32.7	32.7	32.9	32.9	32.9
1967.....	32.9	32.9	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9
1968.....	34.1	34.2	34.3	34.4	34.5	34.7	34.9	35.0	35.1	35.3	35.4	35.5
1969.....	35.6	35.8	36.1	36.3	36.4	36.6	36.8	37.0	37.1	37.3	37.5	37.7
1970.....	37.8	38.0	38.2	38.5	38.6	38.8	39.0	39.0	39.2	39.4	39.6	39.8

Historical Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items, by month — Continued

[1982-84=100, unless otherwise noted]

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1971.....	39.8	39.9	40.0	40.1	40.3	40.6	40.7	40.8	40.8	40.9	40.9	41.1
1972.....	41.1	41.3	41.4	41.5	41.6	41.7	41.9	42.0	42.1	42.3	42.4	42.5
1973.....	42.6	42.9	43.3	43.6	43.9	44.2	44.3	45.1	45.2	45.6	45.9	46.2
1974.....	46.6	47.2	47.8	48.0	48.6	49.0	49.4	50.0	50.6	51.1	51.5	51.9
1975.....	52.1	52.5	52.7	52.9	53.2	53.6	54.2	54.3	54.6	54.9	55.3	55.5
1976.....	55.6	55.8	55.9	56.1	56.5	56.8	57.1	57.4	57.6	57.9	58.0	58.2
1977.....	58.5	59.1	59.5	60.0	60.3	60.7	61.0	61.2	61.4	61.6	61.9	62.1
1978.....	62.5	62.9	63.4	63.9	64.5	65.2	65.7	66.0	66.5	67.1	67.4	67.7
1979.....	68.3	69.1	69.8	70.6	71.5	72.3	73.1	73.8	74.6	75.2	75.9	76.7
1980.....	77.8	78.9	80.1	81.0	81.8	82.7	82.7	83.3	84.0	84.8	85.5	86.3
1981.....	87.0	87.9	88.5	89.1	89.8	90.6	91.6	92.3	93.2	93.4	93.7	94.0
1982.....	94.3	94.6	94.5	94.9	95.8	97.0	97.5	97.7	97.9	98.2	98.0	97.6
1983.....	97.8	97.9	97.9	98.6	99.2	99.5	99.9	100.2	100.7	101.0	101.2	101.3
1984.....	101.9	102.4	102.6	103.1	103.4	103.7	104.1	104.5	105.0	105.3	105.3	105.3
1985.....	105.5	106.0	106.4	106.9	107.3	107.6	107.8	108.0	108.3	108.7	109.0	109.3
1986.....	109.6	109.3	108.8	108.6	108.9	109.5	109.5	109.7	110.2	110.3	110.4	110.5
1987.....	111.2	111.6	112.1	112.7	113.1	113.5	113.8	114.4	115.0	115.3	115.4	115.4
1988.....	115.7	116.0	116.5	117.1	117.5	118.0	118.5	119.0	119.8	120.2	120.3	120.5
1989.....	121.1	121.6	122.3	123.1	123.8	124.1	124.4	124.6	125.0	125.6	125.9	126.1
1990.....	127.4	128.0	128.7	128.9	129.2	129.9	130.4	131.6	132.7	133.5	133.8	133.8
1991.....	134.6	134.8	135.0	135.2	135.6	136.0	136.2	136.6	137.2	137.4	137.8	137.9
1992.....	138.1	138.6	139.3	139.5	139.7	140.2	140.5	140.9	141.3	141.8	142.0	141.9
1993.....	142.6	143.1	143.6	144.0	144.2	144.4	144.4	144.8	145.1	145.7	145.8	145.8
1994.....	146.2	146.7	147.2	147.4	147.5	148.0	148.4	149.0	149.4	149.5	149.7	149.7
1995.....	150.3	150.9	151.4	151.9	152.2	152.5	152.5	152.9	153.2	153.7	153.6	153.5
1996.....	154.4	154.9	155.7	156.3	156.6	156.7	157.0	157.3	157.8	158.3	158.6	158.6
1997.....	159.1	159.6	160.0	160.2	160.1	160.3	160.5	160.8	161.2	161.6	161.5	161.3
1998.....	161.6	161.9	162.2	162.5	162.8	163.0	163.2	163.4	163.6	164.0	164.0	163.9
1999.....	164.3	164.5	165.0	166.2	166.2	166.2	166.7	167.1	167.9	168.2	168.3	168.3
2000.....	168.8	169.8	171.2	171.3	171.5	172.4	172.8	172.8	173.7	174.0	174.1	174.0
2001.....	175.1	175.8	176.2	176.9	177.7	178.0	177.5	177.5	178.3	177.7	177.4	176.7
2002.....	177.1	177.8	178.8	179.8	179.8	179.9	180.1	180.7	181.0	181.3	181.3	180.9
2003.....	181.7	183.1	184.2	183.8	183.5	183.7	183.9	184.6	185.2	185.0	184.5	184.3
2004.....	185.2	186.2	187.4	188.0	189.1	189.7	189.4	189.5	189.9	190.9	191.0	190.3
2005.....	190.7	191.8	193.3	194.6	194.4	194.5	195.4	196.4	198.8	199.2	197.6	196.8
2006.....	198.3	198.7	199.8	201.5	202.5	202.9	203.5	203.9	202.9	201.8	201.5	201.8
2007.....	202.416	203.499	205.352	206.686	207.949	208.352	208.299	207.917	208.490	208.936	210.177	210.036
2008.....	211.080	211.693	213.528	214.823	216.632	218.815	219.964	219.086	218.783	216.573	212.425	210.228
2009.....	211.143	212.193	212.709	213.240	213.856	215.693	215.351	215.834	215.969	216.177	216.330	215.949
2010.....	216.687	216.741	217.631	218.009	218.178	217.965	218.011	218.312	218.439	218.711	218.803	219.179
2011.....	220.223	221.309	223.467	224.906	225.964	225.722	225.922	226.545	226.889	226.421	226.230	225.672
2012.....	226.665	227.663	229.392	230.085	229.815	229.478	229.104	230.379	231.407	231.317	230.221	229.601
2013.....	230.280	232.166	232.773	232.531	232.945	233.504	233.596	233.877	234.149	233.546	233.069	233.049
2014.....	233.916	234.781	236.293	237.072	237.900	238.343	238.250	237.852	238.031	237.433	236.151	234.812
2015.....	233.707	234.722	236.119	236.599	237.805	238.638	238.654	238.316	237.945	237.838	237.336	236.525
2016.....	236.916	237.111	238.132	239.261	240.229	241.018	240.628	240.849	241.428	241.729	241.353	241.432
2017.....	242.839	243.603	243.801	244.524	244.733	244.955	244.786	245.519	246.819	246.663	246.669	246.524
2018.....	247.867	248.991	249.554	250.546	251.588	251.989	252.006	252.146	252.439	252.885	252.038	251.233
2019.....	251.712	252.776	254.202	255.548	256.092	256.143	256.571	256.558	256.759	257.346	257.208	256.974
2020.....	257.971	258.678	258.115	256.389	256.394	257.797	259.101	259.918	260.280	260.388	260.229	260.474
2021.....	261.582	263.014	264.877	-	-	-	-	-	-	-	-	-

Historical Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items, index averages
 [1982-84=100, unless otherwise noted]

Year	Semiannual averages		Annual avg.	Percent change from previous	
	1st half	2nd half		Dec.	Annual avg.
1913.....	—	—	9.9	—	—
1914.....	—	—	10.0	1.0	1.0
1915.....	—	—	10.1	2.0	1.0
1916.....	—	—	10.9	12.6	7.9
1917.....	—	—	12.8	18.1	17.4
1918.....	—	—	15.1	20.4	18.0
1919.....	—	—	17.3	14.5	14.6
1920.....	—	—	20.0	2.6	15.6
1921.....	—	—	17.9	-10.8	-10.5
1922.....	—	—	16.8	-2.3	-6.1
1923.....	—	—	17.1	2.4	1.8
1924.....	—	—	17.1	0.0	0.0
1925.....	—	—	17.5	3.5	2.3
1926.....	—	—	17.7	-1.1	1.1
1927.....	—	—	17.4	-2.3	-1.7
1928.....	—	—	17.1	-1.2	-1.7
1929.....	—	—	17.1	0.6	0.0
1930.....	—	—	16.7	-6.4	-2.3
1931.....	—	—	15.2	-9.3	-9.0
1932.....	—	—	13.7	-10.3	-9.9
1933.....	—	—	13.0	0.8	-5.1
1934.....	—	—	13.4	1.5	3.1
1935.....	—	—	13.7	3.0	2.2
1936.....	—	—	13.9	1.4	1.5
1937.....	—	—	14.4	2.9	3.6
1938.....	—	—	14.1	-2.8	-2.1
1939.....	—	—	13.9	0.0	-1.4
1940.....	—	—	14.0	0.7	0.7
1941.....	—	—	14.7	9.9	5.0
1942.....	—	—	16.3	9.0	10.9
1943.....	—	—	17.3	3.0	6.1
1944.....	—	—	17.6	2.3	1.7
1945.....	—	—	18.0	2.2	2.3
1946.....	—	—	19.5	18.1	8.3
1947.....	—	—	22.3	8.8	14.4
1948.....	—	—	24.1	3.0	8.1
1949.....	—	—	23.8	-2.1	-1.2
1950.....	—	—	24.1	5.9	1.3
1951.....	—	—	26.0	6.0	7.9
1952.....	—	—	26.5	0.8	1.9
1953.....	—	—	26.7	0.7	0.8
1954.....	—	—	26.9	-0.7	0.7
1955.....	—	—	26.8	0.4	-0.4
1956.....	—	—	27.2	3.0	1.5
1957.....	—	—	28.1	2.9	3.3
1958.....	—	—	28.9	1.8	2.8
1959.....	—	—	29.1	1.7	0.7
1960.....	—	—	29.6	1.4	1.7
1961.....	—	—	29.9	0.7	1.0
1962.....	—	—	30.2	1.3	1.0
1963.....	—	—	30.6	1.6	1.3
1964.....	—	—	31.0	1.0	1.3
1965.....	—	—	31.5	1.9	1.6
1966.....	—	—	32.4	3.5	2.9
1967.....	—	—	33.4	3.0	3.1

Historical Consumer Price Index for All Urban Consumers (CPI-U): U.S. city average, all items, index averages — Continued

[1982-84=100, unless otherwise noted]

Year	Semiannual averages		Annual avg.	Percent change from previous	
	1st half	2nd half		Dec.	Annual avg.
1968.....	—	—	34.8	4.7	4.2
1969.....	—	—	36.7	6.2	5.5
1970.....	—	—	38.8	5.6	5.7
1971.....	—	—	40.5	3.3	4.4
1972.....	—	—	41.8	3.4	3.2
1973.....	—	—	44.4	8.7	6.2
1974.....	—	—	49.3	12.3	11.0
1975.....	—	—	53.8	6.9	9.1
1976.....	—	—	56.9	4.9	5.8
1977.....	—	—	60.6	6.7	6.5
1978.....	—	—	65.2	9.0	7.6
1979.....	—	—	72.6	13.3	11.3
1980.....	—	—	82.4	12.5	13.5
1981.....	—	—	90.9	8.9	10.3
1982.....	—	—	96.5	3.8	6.2
1983.....	—	—	99.6	3.8	3.2
1984.....	102.9	104.9	103.9	3.9	4.3
1985.....	106.6	108.5	107.6	3.8	3.6
1986.....	109.1	110.1	109.6	1.1	1.9
1987.....	112.4	114.9	113.6	4.4	3.6
1988.....	116.8	119.7	118.3	4.4	4.1
1989.....	122.7	125.3	124.0	4.6	4.8
1990.....	128.7	132.6	130.7	6.1	5.4
1991.....	135.2	137.2	136.2	3.1	4.2
1992.....	139.2	141.4	140.3	2.9	3.0
1993.....	143.7	145.3	144.5	2.7	3.0
1994.....	147.2	149.3	148.2	2.7	2.6
1995.....	151.5	153.2	152.4	2.5	2.8
1996.....	155.8	157.9	156.9	3.3	3.0
1997.....	159.9	161.2	160.5	1.7	2.3
1998.....	162.3	163.7	163.0	1.6	1.6
1999.....	165.4	167.8	166.6	2.7	2.2
2000.....	170.8	173.6	172.2	3.4	3.4
2001.....	176.6	177.5	177.1	1.6	2.8
2002.....	178.9	180.9	179.9	2.4	1.6
2003.....	183.3	184.6	184.0	1.9	2.3
2004.....	187.6	190.2	188.9	3.3	2.7
2005.....	193.2	197.4	195.3	3.4	3.4
2006.....	200.6	202.6	201.6	2.5	3.2
2007.....	205.709	208.976	207.342	4.1	2.8
2008.....	214.429	216.177	215.303	0.1	3.8
2009.....	213.139	215.935	214.537	2.7	-0.4
2010.....	217.535	218.576	218.056	1.5	1.6
2011.....	223.598	226.280	224.939	3.0	3.2
2012.....	228.850	230.338	229.594	1.7	2.1
2013.....	232.366	233.548	232.957	1.5	1.5
2014.....	236.384	237.088	236.736	0.8	1.6
2015.....	236.265	237.769	237.017	0.7	0.1
2016.....	238.778	241.237	240.007	2.1	1.3
2017.....	244.076	246.163	245.120	2.1	2.1
2018.....	250.089	252.125	251.107	1.9	2.4
2019.....	254.412	256.903	255.657	2.3	1.8
2020.....	257.557	260.065	258.811	1.4	1.2
2021.....	—	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

3. Employment status of the civilian noninstitutional population by age, sex, and race

[Numbers in thousands]

Age, sex, and race	Civilian noninstitutional population	2021						Not in labor force
		Civilian labor force						
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
TOTAL								
16 years and over.....	261,445	161,204	61.7	152,581	58.4	8,623	5.3	100,241
16 to 19 years.....	16,453	5,962	36.2	5,266	32.0	696	11.7	10,491
16 to 17 years.....	8,763	2,243	25.6	1,987	22.7	256	11.4	6,521
18 to 19 years.....	7,690	3,719	48.4	3,279	42.6	440	11.8	3,970
20 to 24 years.....	20,809	14,726	70.8	13,409	64.4	1,317	8.9	6,083
25 to 54 years.....	126,108	102,867	81.6	97,867	77.6	5,000	4.9	23,241
25 to 34 years.....	44,751	36,670	81.9	34,578	77.3	2,092	5.7	8,081
25 to 29 years.....	22,103	18,025	81.5	16,915	76.5	1,110	6.2	4,078
30 to 34 years.....	22,648	18,645	82.3	17,664	78.0	982	5.3	4,003
35 to 44 years.....	41,842	34,320	82.0	32,734	78.2	1,586	4.6	7,522
35 to 39 years.....	21,479	17,625	82.1	16,804	78.2	821	4.7	3,854
40 to 44 years.....	20,363	16,695	82.0	15,930	78.2	765	4.6	3,668
45 to 54 years.....	39,515	31,877	80.7	30,554	77.3	1,323	4.2	7,637
45 to 49 years.....	19,212	15,801	82.2	15,142	78.8	659	4.2	3,411
50 to 54 years.....	20,302	16,076	79.2	15,413	75.9	664	4.1	4,226
55 to 64 years.....	41,885	27,049	64.6	25,912	61.9	1,138	4.2	14,835
55 to 59 years.....	20,905	15,090	72.2	14,442	69.1	647	4.3	5,815
60 to 64 years.....	20,980	11,960	57.0	11,470	54.7	490	4.1	9,020
65 years and over.....	56,190	10,600	18.9	10,127	18.0	472	4.5	45,591
65 to 69 years.....	18,266	5,932	32.5	5,660	31.0	273	4.6	12,334
70 to 74 years.....	15,199	2,711	17.8	2,583	17.0	128	4.7	12,488
75 years and over.....	22,726	1,957	8.6	1,885	8.3	72	3.7	20,769
Men								
16 years and over.....	126,487	85,505	67.6	80,829	63.9	4,676	5.5	40,983
16 to 19 years.....	8,313	2,987	35.9	2,613	31.4	373	12.5	5,327
16 to 17 years.....	4,438	1,082	24.4	957	21.6	125	11.6	3,356
18 to 19 years.....	3,875	1,904	49.1	1,656	42.7	248	13.0	1,971
20 to 24 years.....	10,385	7,579	73.0	6,840	65.9	739	9.7	2,806
25 to 54 years.....	62,303	54,817	88.0	52,112	83.6	2,705	4.9	7,486
25 to 34 years.....	22,359	19,609	87.7	18,443	82.5	1,167	5.9	2,749
25 to 29 years.....	11,076	9,552	86.2	8,929	80.6	623	6.5	1,525
30 to 34 years.....	11,282	10,058	89.1	9,514	84.3	544	5.4	1,225
35 to 44 years.....	20,632	18,491	89.6	17,639	85.5	852	4.6	2,141
35 to 39 years.....	10,623	9,594	90.3	9,141	86.0	453	4.7	1,029
40 to 44 years.....	10,009	8,897	88.9	8,498	84.9	399	4.5	1,112
45 to 54 years.....	19,312	16,716	86.6	16,031	83.0	685	4.1	2,596
45 to 49 years.....	9,386	8,311	88.5	7,970	84.9	340	4.1	1,075
50 to 54 years.....	9,927	8,406	84.7	8,060	81.2	345	4.1	1,521
55 to 64 years.....	20,193	14,217	70.4	13,614	67.4	603	4.2	5,977
55 to 59 years.....	10,142	7,903	77.9	7,563	74.6	340	4.3	2,239
60 to 64 years.....	10,051	6,313	62.8	6,051	60.2	262	4.2	3,738
65 years and over.....	25,293	5,906	23.3	5,649	22.3	257	4.3	19,387
65 to 69 years.....	8,571	3,246	37.9	3,099	36.2	148	4.5	5,325
70 to 74 years.....	7,015	1,541	22.0	1,471	21.0	70	4.5	5,474
75 years and over.....	9,706	1,118	11.5	1,079	11.1	39	3.5	8,588
Women								
16 years and over.....	134,958	75,699	56.1	71,752	53.2	3,948	5.2	59,259
16 to 19 years.....	8,139	2,975	36.6	2,652	32.6	323	10.8	5,164
16 to 17 years.....	4,325	1,160	26.8	1,030	23.8	131	11.2	3,164
18 to 19 years.....	3,815	1,815	47.6	1,623	42.5	192	10.6	2,000
20 to 24 years.....	10,425	7,147	68.6	6,569	63.0	578	8.1	3,277
25 to 54 years.....	63,805	48,050	75.3	45,754	71.7	2,296	4.8	15,754
25 to 34 years.....	22,392	17,060	76.2	16,136	72.1	925	5.4	5,332
25 to 29 years.....	11,027	8,473	76.8	7,986	72.4	487	5.7	2,554
30 to 34 years.....	11,366	8,587	75.6	8,150	71.7	438	5.1	2,778
35 to 44 years.....	21,210	15,829	74.6	15,095	71.2	733	4.6	5,381

**HOUSEHOLD DATA
ANNUAL AVERAGES**

3. Employment status of the civilian noninstitutional population by age, sex, and race — Continued

[Numbers in thousands]

Age, sex, and race	2021							
	Civilian noninsti- tutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
35 to 39 years.....	10,857	8,031	74.0	7,663	70.6	368	4.6	2,826
40 to 44 years.....	10,354	7,798	75.3	7,432	71.8	366	4.7	2,556
45 to 54 years.....	20,202	15,161	75.0	14,523	71.9	638	4.2	5,041
45 to 49 years.....	9,827	7,490	76.2	7,171	73.0	319	4.3	2,336
50 to 54 years.....	10,375	7,671	73.9	7,352	70.9	319	4.2	2,705
55 to 64 years.....	21,692	12,833	59.2	12,298	56.7	535	4.2	8,859
55 to 59 years.....	10,763	7,186	66.8	6,879	63.9	307	4.3	3,577
60 to 64 years.....	10,929	5,647	51.7	5,419	49.6	228	4.0	5,282
65 years and over.....	30,898	4,694	15.2	4,478	14.5	216	4.6	26,204
65 to 69 years.....	9,695	2,686	27.7	2,561	26.4	125	4.6	7,009
70 to 74 years.....	8,184	1,170	14.3	1,112	13.6	58	5.0	7,014
75 years and over.....	13,019	838	6.4	806	6.2	33	3.9	12,181
WHITE								
16 years and over.....	201,881	124,145	61.5	118,291	58.6	5,854	4.7	77,737
16 to 19 years.....	12,067	4,651	38.5	4,164	34.5	486	10.5	7,417
16 to 17 years.....	6,378	1,770	27.7	1,588	24.9	182	10.3	4,608
18 to 19 years.....	5,689	2,881	50.6	2,577	45.3	304	10.6	2,808
20 to 24 years.....	15,275	11,142	72.9	10,284	67.3	858	7.7	4,133
25 to 54 years.....	94,298	77,578	82.3	74,276	78.8	3,302	4.3	16,721
25 to 34 years.....	32,614	26,983	82.7	25,663	78.7	1,320	4.9	5,631
25 to 29 years.....	16,072	13,257	82.5	12,550	78.1	707	5.3	2,814
30 to 34 years.....	16,543	13,726	83.0	13,113	79.3	613	4.5	2,817
35 to 44 years.....	31,334	25,891	82.6	24,832	79.2	1,058	4.1	5,444
35 to 39 years.....	16,023	13,226	82.5	12,681	79.1	546	4.1	2,797
40 to 44 years.....	15,311	12,664	82.7	12,152	79.4	513	4.0	2,647
45 to 54 years.....	30,350	24,704	81.4	23,780	78.4	923	3.7	5,646
45 to 49 years.....	14,568	12,055	82.7	11,607	79.7	448	3.7	2,514
50 to 54 years.....	15,782	12,649	80.2	12,174	77.1	476	3.8	3,133
55 to 64 years.....	33,428	21,954	65.7	21,110	63.2	844	3.8	11,474
55 to 59 years.....	16,630	12,146	73.0	11,668	70.2	478	3.9	4,484
60 to 64 years.....	16,798	9,808	58.4	9,442	56.2	366	3.7	6,990
65 years and over.....	46,812	8,820	18.8	8,456	18.1	364	4.1	37,992
65 to 69 years.....	14,848	4,869	32.8	4,662	31.4	206	4.2	9,979
70 to 74 years.....	12,662	2,267	17.9	2,169	17.1	98	4.3	10,395
75 years and over.....	19,302	1,685	8.7	1,625	8.4	60	3.6	17,617
Men								
16 years and over.....	98,741	67,036	67.9	63,814	64.6	3,222	4.8	31,705
16 to 19 years.....	6,129	2,341	38.2	2,077	33.9	265	11.3	3,788
16 to 17 years.....	3,238	857	26.5	768	23.7	89	10.4	2,382
18 to 19 years.....	2,891	1,485	51.4	1,309	45.3	175	11.8	1,406
20 to 24 years.....	7,674	5,813	75.7	5,316	69.3	496	8.5	1,861
25 to 54 years.....	47,276	42,130	89.1	40,317	85.3	1,813	4.3	5,146
25 to 34 years.....	16,459	14,629	88.9	13,870	84.3	758	5.2	1,831
25 to 29 years.....	8,116	7,091	87.4	6,682	82.3	409	5.8	1,026
30 to 34 years.....	8,343	7,538	90.4	7,188	86.2	350	4.6	805
35 to 44 years.....	15,719	14,276	90.8	13,704	87.2	572	4.0	1,443
35 to 39 years.....	8,051	7,355	91.4	7,061	87.7	294	4.0	696
40 to 44 years.....	7,668	6,920	90.3	6,642	86.6	278	4.0	747
45 to 54 years.....	15,098	13,225	87.6	12,742	84.4	483	3.7	1,872
45 to 49 years.....	7,253	6,483	89.4	6,249	86.2	234	3.6	770
50 to 54 years.....	7,845	6,742	85.9	6,493	82.8	249	3.7	1,103
55 to 64 years.....	16,324	11,735	71.9	11,286	69.1	449	3.8	4,589
55 to 59 years.....	8,177	6,487	79.3	6,231	76.2	255	3.9	1,691
60 to 64 years.....	8,147	5,249	64.4	5,055	62.0	194	3.7	2,898
65 years and over.....	21,338	5,017	23.5	4,818	22.6	199	4.0	16,321
65 to 69 years.....	7,058	2,721	38.5	2,609	37.0	112	4.1	4,338
70 to 74 years.....	5,937	1,316	22.2	1,263	21.3	53	4.0	4,621

**HOUSEHOLD DATA
ANNUAL AVERAGES**

3. Employment status of the civilian noninstitutional population by age, sex, and race — Continued

[Numbers in thousands]

Age, sex, and race	2021							
	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
75 years and over.....	8,343	980	11.7	946	11.3	34	3.5	7,362
Women								
16 years and over.....	103,140	57,109	55.4	54,476	52.8	2,632	4.6	46,032
16 to 19 years.....	5,938	2,309	38.9	2,088	35.2	221	9.6	3,629
16 to 17 years.....	3,139	913	29.1	820	26.1	93	10.1	2,227
18 to 19 years.....	2,798	1,396	49.9	1,267	45.3	129	9.2	1,402
20 to 24 years.....	7,602	5,329	70.1	4,967	65.3	362	6.8	2,272
25 to 54 years.....	47,023	35,448	75.4	33,959	72.2	1,489	4.2	11,575
25 to 34 years.....	16,155	12,355	76.5	11,793	73.0	562	4.5	3,800
25 to 29 years.....	7,955	6,167	77.5	5,868	73.8	299	4.8	1,789
30 to 34 years.....	8,200	6,188	75.5	5,925	72.3	263	4.3	2,012
35 to 44 years.....	15,615	11,615	74.4	11,128	71.3	487	4.2	4,000
35 to 39 years.....	7,972	5,871	73.6	5,619	70.5	252	4.3	2,101
40 to 44 years.....	7,643	5,744	75.1	5,509	72.1	235	4.1	1,899
45 to 54 years.....	15,252	11,478	75.3	11,038	72.4	440	3.8	3,774
45 to 49 years.....	7,315	5,571	76.2	5,358	73.2	214	3.8	1,744
50 to 54 years.....	7,937	5,907	74.4	5,680	71.6	226	3.8	2,030
55 to 64 years.....	17,104	10,219	59.7	9,824	57.4	395	3.9	6,885
55 to 59 years.....	8,453	5,660	67.0	5,437	64.3	223	3.9	2,793
60 to 64 years.....	8,651	4,559	52.7	4,387	50.7	172	3.8	4,092
65 years and over.....	25,474	3,803	14.9	3,638	14.3	165	4.3	21,671
65 to 69 years.....	7,790	2,148	27.6	2,053	26.4	94	4.4	5,642
70 to 74 years.....	6,725	951	14.1	906	13.5	45	4.7	5,774
75 years and over.....	10,959	704	6.4	678	6.2	26	3.7	10,255
BLACK OR AFRICAN AMERICAN								
16 years and over.....	33,613	20,482	60.9	18,726	55.7	1,756	8.6	13,131
16 to 19 years.....	2,389	724	30.3	604	25.3	120	16.6	1,665
16 to 17 years.....	1,295	255	19.7	211	16.3	44	17.2	1,041
18 to 19 years.....	1,093	469	42.9	393	35.9	77	16.3	624
20 to 24 years.....	3,064	2,035	66.4	1,748	57.0	287	14.1	1,029
25 to 54 years.....	17,508	13,800	78.8	12,678	72.4	1,122	8.1	3,708
25 to 34 years.....	6,739	5,354	79.5	4,811	71.4	544	10.2	1,385
25 to 29 years.....	3,376	2,652	78.6	2,378	70.4	275	10.4	724
30 to 34 years.....	3,363	2,702	80.3	2,433	72.3	269	10.0	661
35 to 44 years.....	5,647	4,517	80.0	4,180	74.0	336	7.4	1,130
35 to 39 years.....	2,900	2,332	80.4	2,161	74.5	171	7.3	568
40 to 44 years.....	2,747	2,185	79.5	2,019	73.5	165	7.6	562
45 to 54 years.....	5,123	3,929	76.7	3,687	72.0	242	6.2	1,193
45 to 49 years.....	2,523	2,010	79.7	1,879	74.5	131	6.5	513
50 to 54 years.....	2,600	1,920	73.8	1,808	69.6	111	5.8	680
55 to 64 years.....	5,153	2,896	56.2	2,735	53.1	161	5.6	2,256
55 to 59 years.....	2,534	1,654	65.3	1,562	61.7	92	5.5	880
60 to 64 years.....	2,618	1,242	47.4	1,173	44.8	69	5.6	1,376
65 years and over.....	5,499	1,026	18.7	961	17.5	66	6.4	4,473
65 to 69 years.....	2,016	590	29.3	554	27.5	36	6.2	1,426
70 to 74 years.....	1,496	262	17.5	241	16.1	21	8.1	1,234
75 years and over.....	1,987	174	8.7	166	8.3	8	4.6	1,813
Men								
16 years and over.....	15,389	9,775	63.5	8,875	57.7	900	9.2	5,614
16 to 19 years.....	1,182	333	28.2	278	23.5	55	16.5	849
16 to 17 years.....	655	113	17.3	94	14.4	19	16.7	542
18 to 19 years.....	527	220	41.8	184	34.9	36	16.5	307
20 to 24 years.....	1,477	1,001	67.8	859	58.2	142	14.2	476
25 to 54 years.....	8,142	6,603	81.1	6,012	73.8	591	8.9	1,540
25 to 34 years.....	3,235	2,662	82.3	2,371	73.3	291	10.9	573
25 to 29 years.....	1,637	1,342	82.0	1,198	73.2	145	10.8	295
30 to 34 years.....	1,598	1,320	82.6	1,173	73.4	147	11.1	279

**HOUSEHOLD DATA
ANNUAL AVERAGES**

3. Employment status of the civilian noninstitutional population by age, sex, and race — Continued

[Numbers in thousands]

Age, sex, and race	2021							
	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
35 to 44 years.	2,592	2,133	82.3	1,955	75.4	178	8.3	459
35 to 39 years.	1,341	1,123	83.7	1,026	76.5	97	8.7	218
40 to 44 years.	1,251	1,010	80.7	929	74.3	81	8.0	241
45 to 54 years.	2,315	1,807	78.1	1,686	72.8	121	6.7	508
45 to 49 years.	1,134	925	81.5	862	76.0	63	6.8	209
50 to 54 years.	1,181	883	74.7	824	69.8	58	6.6	298
55 to 64 years.	2,338	1,353	57.9	1,274	54.5	79	5.8	985
55 to 59 years.	1,143	755	66.1	713	62.4	42	5.5	388
60 to 64 years.	1,196	598	50.0	561	46.9	37	6.2	597
65 years and over.	2,249	485	21.5	452	20.1	33	6.7	1,764
65 to 69 years.	883	276	31.3	260	29.4	16	5.9	607
70 to 74 years.	617	129	20.8	116	18.9	12	9.4	488
75 years and over.	749	80	10.7	75	10.1	4	5.4	669
Women								
16 years and over.	18,224	10,707	58.8	9,851	54.1	857	8.0	7,517
16 to 19 years.	1,207	391	32.4	325	27.0	65	16.7	816
16 to 17 years.	641	142	22.1	117	18.3	25	17.5	499
18 to 19 years.	566	249	44.0	208	36.8	40	16.2	317
20 to 24 years.	1,587	1,034	65.1	889	56.0	145	14.0	553
25 to 54 years.	9,366	7,198	76.8	6,666	71.2	531	7.4	2,168
25 to 34 years.	3,504	2,693	76.8	2,440	69.6	252	9.4	812
25 to 29 years.	1,739	1,310	75.3	1,180	67.9	130	9.9	429
30 to 34 years.	1,765	1,383	78.3	1,260	71.4	122	8.9	383
35 to 44 years.	3,054	2,383	78.0	2,225	72.9	158	6.6	671
35 to 39 years.	1,559	1,209	77.6	1,135	72.8	74	6.1	350
40 to 44 years.	1,496	1,175	78.5	1,090	72.9	85	7.2	321
45 to 54 years.	2,807	2,122	75.6	2,001	71.3	121	5.7	686
45 to 49 years.	1,389	1,085	78.1	1,017	73.3	68	6.2	304
50 to 54 years.	1,419	1,037	73.1	984	69.3	53	5.1	382
55 to 64 years.	2,814	1,543	54.8	1,461	51.9	82	5.3	1,271
55 to 59 years.	1,392	899	64.6	849	61.0	50	5.6	492
60 to 64 years.	1,423	644	45.3	612	43.0	32	5.0	779
65 years and over.	3,251	542	16.7	509	15.7	33	6.1	2,709
65 to 69 years.	1,133	314	27.7	294	26.0	20	6.4	819
70 to 74 years.	879	134	15.2	124	14.2	9	6.9	746
75 years and over.	1,238	94	7.6	90	7.3	4	3.9	1,144
ASIAN								
16 years and over.	16,521	10,545	63.8	10,016	60.6	529	5.0	5,976
16 to 19 years.	904	191	21.2	166	18.4	25	13.1	713
16 to 17 years.	468	64	13.7	58	12.4	6	9.3	404
18 to 19 years.	436	127	29.2	108	24.8	19	15.0	308
20 to 24 years.	1,276	712	55.8	649	50.9	63	8.8	564
25 to 54 years.	9,313	7,547	81.0	7,225	77.6	322	4.3	1,766
25 to 34 years.	3,277	2,631	80.3	2,520	76.9	111	4.2	646
25 to 29 years.	1,552	1,243	80.1	1,187	76.5	56	4.5	309
30 to 34 years.	1,725	1,388	80.5	1,333	77.3	55	4.0	337
35 to 44 years.	3,240	2,650	81.8	2,539	78.4	111	4.2	590
35 to 39 years.	1,706	1,397	81.9	1,340	78.5	58	4.1	309
40 to 44 years.	1,534	1,253	81.7	1,200	78.2	54	4.3	281
45 to 54 years.	2,796	2,266	81.0	2,167	77.5	99	4.4	530
45 to 49 years.	1,482	1,213	81.8	1,165	78.6	48	3.9	269
50 to 54 years.	1,314	1,053	80.1	1,001	76.2	52	4.9	261
55 to 64 years.	2,252	1,554	69.0	1,461	64.9	93	6.0	698
55 to 59 years.	1,158	884	76.3	828	71.5	56	6.3	274
60 to 64 years.	1,093	670	61.3	633	57.9	37	5.5	423
65 years and over.	2,777	540	19.5	514	18.5	26	4.9	2,236
65 to 69 years.	962	331	34.4	312	32.5	19	5.6	631

**HOUSEHOLD DATA
ANNUAL AVERAGES**

3. Employment status of the civilian noninstitutional population by age, sex, and race — Continued

[Numbers in thousands]

Age, sex, and race	2021							
	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
70 to 74 years.	736	131	17.8	125	17.0	5	4.1	606
75 years and over.	1,078	79	7.3	76	7.1	2	3.0	1,000
Men								
16 years and over.	7,751	5,566	71.8	5,292	68.3	275	4.9	2,184
16 to 19 years.	435	98	22.5	83	19.2	14	14.6	337
16 to 17 years.	229	35	15.3	33	14.2	2	6.9	194
18 to 19 years.	206	63	30.4	51	24.7	12	18.9	143
20 to 24 years.	635	344	54.1	312	49.1	32	9.3	291
25 to 54 years.	4,447	4,031	90.6	3,869	87.0	162	4.0	416
25 to 34 years.	1,604	1,411	87.9	1,358	84.6	53	3.8	194
25 to 29 years.	774	655	84.7	628	81.1	27	4.2	119
30 to 34 years.	830	755	90.9	730	87.9	26	3.4	75
35 to 44 years.	1,537	1,431	93.1	1,372	89.2	59	4.1	106
35 to 39 years.	836	779	93.2	746	89.2	33	4.3	57
40 to 44 years.	702	652	93.0	626	89.3	26	4.0	49
45 to 54 years.	1,305	1,190	91.1	1,140	87.3	50	4.2	116
45 to 49 years.	706	650	92.0	626	88.6	25	3.8	56
50 to 54 years.	599	540	90.1	514	85.8	26	4.8	59
55 to 64 years.	1,028	801	77.9	749	72.9	52	6.4	228
55 to 59 years.	539	450	83.6	421	78.2	29	6.5	88
60 to 64 years.	490	350	71.6	328	67.0	22	6.4	139
65 years and over.	1,206	293	24.3	278	23.1	15	5.0	913
65 to 69 years.	419	176	42.0	165	39.3	11	6.5	243
70 to 74 years.	316	68	21.5	65	20.7	3	3.9	248
75 years and over.	471	49	10.4	48	10.3	1	1.3	421
Women								
16 years and over.	8,770	4,978	56.8	4,725	53.9	254	5.1	3,792
16 to 19 years.	469	94	20.0	83	17.6	11	11.6	376
16 to 17 years.	239	29	12.1	25	10.6	4	—	210
18 to 19 years.	230	65	28.1	57	25.0	7	11.3	165
20 to 24 years.	641	369	57.5	338	52.7	31	8.3	273
25 to 54 years.	4,866	3,515	72.3	3,356	69.0	159	4.5	1,350
25 to 34 years.	1,672	1,220	73.0	1,162	69.5	58	4.8	452
25 to 29 years.	778	587	75.5	559	71.9	29	4.9	190
30 to 34 years.	895	633	70.7	603	67.4	30	4.7	262
35 to 44 years.	1,702	1,219	71.6	1,167	68.6	52	4.3	483
35 to 39 years.	870	618	71.1	594	68.3	24	3.9	252
40 to 44 years.	832	601	72.2	573	68.8	28	4.6	232
45 to 54 years.	1,491	1,076	72.2	1,027	68.9	49	4.6	415
45 to 49 years.	776	563	72.5	540	69.6	23	4.1	213
50 to 54 years.	715	513	71.8	487	68.2	26	5.1	202
55 to 64 years.	1,223	753	61.6	712	58.2	41	5.4	470
55 to 59 years.	620	434	70.0	408	65.7	26	6.1	186
60 to 64 years.	604	320	52.9	305	50.5	15	4.6	284
65 years and over.	1,571	247	15.7	236	15.0	12	4.7	1,324
65 to 69 years.	543	155	28.5	148	27.2	7	4.6	388
70 to 74 years.	420	63	14.9	60	14.3	3	4.4	357
75 years and over.	608	30	4.9	28	4.6	2	—	578

NOTE: Estimates for the above race groups will not sum to totals because data are not presented for all races. Updated population controls are introduced annually with the release of January data. Dash indicates no data or data that do not meet publication criteria (values not shown where base is less than 35,000).

**HOUSEHOLD DATA
ANNUAL AVERAGES**
1. Employment status of the civilian noninstitutional population, 1951 to date

[Numbers in thousands]

Year	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
Persons 16 years of age and over										
1951.....	104,621	62,017	59.2	59,961	57.3	6,726	53,235	2,055	3.3	42,604
1952.....	105,231	62,138	59.0	60,250	57.3	6,500	53,749	1,883	3.0	43,093
1953.....	107,056	63,015	58.9	61,179	57.1	6,260	54,919	1,834	2.9	44,041
1954.....	108,321	63,643	58.8	60,109	55.5	6,205	53,904	3,532	5.5	44,678
1955.....	109,683	65,023	59.3	62,170	56.7	6,450	55,722	2,852	4.4	44,660
1956.....	110,954	66,552	60.0	63,799	57.5	6,283	57,514	2,750	4.1	44,402
1957.....	112,265	66,929	59.6	64,071	57.1	5,947	58,123	2,859	4.3	45,336
1958.....	113,727	67,639	59.5	63,036	55.4	5,586	57,450	4,602	6.8	46,088
1959.....	115,329	68,369	59.3	64,630	56.0	5,565	59,065	3,740	5.5	46,960
1960.....	117,245	69,628	59.4	65,778	56.1	5,458	60,318	3,852	5.5	47,617
1961.....	118,771	70,459	59.3	65,746	55.4	5,200	60,546	4,714	6.7	48,312
1962.....	120,153	70,614	58.8	66,702	55.5	4,944	61,759	3,911	5.5	49,539
1963.....	122,416	71,833	58.7	67,762	55.4	4,687	63,076	4,070	5.7	50,583
1964.....	124,485	73,091	58.7	69,305	55.7	4,523	64,782	3,786	5.2	51,394
1965.....	126,513	74,455	58.9	71,088	56.2	4,361	66,726	3,366	4.5	52,058
1966.....	128,058	75,770	59.2	72,895	56.9	3,979	68,915	2,875	3.8	52,288
1967.....	129,874	77,347	59.6	74,372	57.3	3,844	70,527	2,975	3.8	52,527
1968.....	132,028	78,737	59.6	75,920	57.5	3,817	72,103	2,817	3.6	53,291
1969.....	134,335	80,734	60.1	77,902	58.0	3,606	74,296	2,832	3.5	53,602
1970.....	137,085	82,771	60.4	78,678	57.4	3,463	75,215	4,093	4.9	54,315
1971.....	140,216	84,382	60.2	79,367	56.6	3,394	75,972	5,016	5.9	55,834
1972.....	144,126	87,034	60.4	82,153	57.0	3,484	78,669	4,882	5.6	57,091
1973.....	147,096	89,429	60.8	85,064	57.8	3,470	81,594	4,365	4.9	57,667
1974.....	150,120	91,949	61.3	86,794	57.8	3,515	83,279	5,156	5.6	58,171
1975.....	153,153	93,775	61.2	85,846	56.1	3,408	82,438	7,929	8.5	59,378
1976.....	156,150	96,158	61.6	88,752	56.8	3,331	85,421	7,406	7.7	59,991
1977.....	159,033	99,009	62.3	92,017	57.9	3,283	88,734	6,991	7.1	60,025
1978.....	161,910	102,251	63.2	96,048	59.3	3,387	92,661	6,202	6.1	59,659
1979.....	164,863	104,962	63.7	98,824	59.9	3,347	95,477	6,137	5.8	59,900
1980.....	167,745	106,940	63.8	99,303	59.2	3,364	95,938	7,637	7.1	60,806
1981.....	170,130	108,670	63.9	100,397	59.0	3,368	97,030	8,273	7.6	61,460
1982.....	172,271	110,204	64.0	99,526	57.8	3,401	96,125	10,678	9.7	62,067
1983.....	174,215	111,550	64.0	100,834	57.9	3,383	97,450	10,717	9.6	62,665
1984.....	176,383	113,544	64.4	105,005	59.5	3,321	101,685	8,539	7.5	62,839
1985.....	178,206	115,461	64.8	107,150	60.1	3,179	103,971	8,312	7.2	62,744
1986.....	180,587	117,834	65.3	109,597	60.7	3,163	106,434	8,237	7.0	62,752
1987.....	182,753	119,865	65.6	112,440	61.5	3,208	109,232	7,425	6.2	62,888
1988.....	184,613	121,669	65.9	114,968	62.3	3,169	111,800	6,701	5.5	62,944
1989.....	186,393	123,869	66.5	117,342	63.0	3,199	114,142	6,528	5.3	62,523
1990.....	189,164	125,840	66.5	118,793	62.8	3,223	115,570	7,047	5.6	63,324
1991.....	190,925	126,346	66.2	117,718	61.7	3,269	114,449	8,628	6.8	64,578
1992.....	192,805	128,105	66.4	118,492	61.5	3,247	115,245	9,613	7.5	64,700
1993.....	194,838	129,200	66.3	120,259	61.7	3,115	117,144	8,940	6.9	65,638
1994.....	196,814	131,056	66.6	123,060	62.5	3,409	119,651	7,996	6.1	65,758
1995.....	198,584	132,304	66.6	124,900	62.9	3,440	121,460	7,404	5.6	66,280
1996.....	200,591	133,943	66.8	126,708	63.2	3,443	123,264	7,236	5.4	66,647
1997.....	203,133	136,297	67.1	129,558	63.8	3,399	126,159	6,739	4.9	66,837
1998.....	205,220	137,673	67.1	131,463	64.1	3,378	128,085	6,210	4.5	67,547
1999.....	207,753	139,368	67.1	133,488	64.3	3,281	130,207	5,880	4.2	68,385
2000.....	212,577	142,583	67.1	136,891	64.4	2,464	134,427	5,692	4.0	69,994
2001.....	215,092	143,734	66.8	136,933	63.7	2,299	134,635	6,801	4.7	71,359
2002.....	217,570	144,863	66.6	136,485	62.7	2,311	134,174	8,378	5.8	72,707
2003.....	221,168	146,510	66.2	137,736	62.3	2,275	135,461	8,774	6.0	74,658
2004.....	223,357	147,401	66.0	139,252	62.3	2,232	137,020	8,149	5.5	75,956
2005.....	226,082	149,320	66.0	141,730	62.7	2,197	139,532	7,591	5.1	76,762
2006.....	228,815	151,428	66.2	144,427	63.1	2,206	142,221	7,001	4.6	77,387
2007.....	231,867	153,124	66.0	146,047	63.0	2,095	143,952	7,078	4.6	78,743

**HOUSEHOLD DATA
ANNUAL AVERAGES**

1. Employment status of the civilian noninstitutional population, 1951 to date — Continued

[Numbers in thousands]

Year	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
2008.....	233,788	154,287	66.0	145,362	62.2	2,168	143,194	8,924	5.8	79,501
2009.....	235,801	154,142	65.4	139,877	59.3	2,103	137,775	14,265	9.3	81,659
2010.....	237,830	153,889	64.7	139,064	58.5	2,206	136,858	14,825	9.6	83,941
2011.....	239,618	153,617	64.1	139,869	58.4	2,254	137,615	13,747	8.9	86,001
2012.....	243,284	154,975	63.7	142,469	58.6	2,186	140,283	12,506	8.1	88,310
2013.....	245,679	155,389	63.2	143,929	58.6	2,130	141,799	11,460	7.4	90,290
2014.....	247,947	155,922	62.9	146,305	59.0	2,237	144,068	9,617	6.2	92,025
2015.....	250,801	157,130	62.7	148,834	59.3	2,422	146,411	8,296	5.3	93,671
2016.....	253,538	159,187	62.8	151,436	59.7	2,460	148,976	7,751	4.9	94,351
2017.....	255,079	160,320	62.9	153,337	60.1	2,454	150,883	6,982	4.4	94,759
2018.....	257,791	162,075	62.9	155,761	60.4	2,425	153,336	6,314	3.9	95,716
2019.....	259,175	163,539	63.1	157,538	60.8	2,425	155,113	6,001	3.7	95,636
2020.....	260,329	160,742	61.7	147,795	56.8	2,349	145,446	12,947	8.1	99,587
2021.....	261,445	161,204	61.7	152,581	58.4	2,291	150,290	8,623	5.3	100,241

NOTE: Revisions to population controls and other changes can affect the comparability of labor force levels over time. In recent years, for example, updated population controls have been introduced annually with the release of January data. Information about historical comparability is online at <https://www.bls.gov/cps/documentation.htm#comp>.

**HOUSEHOLD DATA
ANNUAL AVERAGES**
1. Employment status of the civilian noninstitutional population, 1951 to date

[Numbers in thousands]

Year	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
Persons 16 years of age and over										
1951.....	104,621	62,017	59.2	59,961	57.3	6,726	53,235	2,055	3.3	42,604
1952.....	105,231	62,138	59.0	60,250	57.3	6,500	53,749	1,883	3.0	43,093
1953.....	107,056	63,015	58.9	61,179	57.1	6,260	54,919	1,834	2.9	44,041
1954.....	108,321	63,643	58.8	60,109	55.5	6,205	53,904	3,532	5.5	44,678
1955.....	109,683	65,023	59.3	62,170	56.7	6,450	55,722	2,852	4.4	44,660
1956.....	110,954	66,552	60.0	63,799	57.5	6,283	57,514	2,750	4.1	44,402
1957.....	112,265	66,929	59.6	64,071	57.1	5,947	58,123	2,859	4.3	45,336
1958.....	113,727	67,639	59.5	63,036	55.4	5,586	57,450	4,602	6.8	46,088
1959.....	115,329	68,369	59.3	64,630	56.0	5,565	59,065	3,740	5.5	46,960
1960.....	117,245	69,628	59.4	65,778	56.1	5,458	60,318	3,852	5.5	47,617
1961.....	118,771	70,459	59.3	65,746	55.4	5,200	60,546	4,714	6.7	48,312
1962.....	120,153	70,614	58.8	66,702	55.5	4,944	61,759	3,911	5.5	49,539
1963.....	122,416	71,833	58.7	67,762	55.4	4,687	63,076	4,070	5.7	50,583
1964.....	124,485	73,091	58.7	69,305	55.7	4,523	64,782	3,786	5.2	51,394
1965.....	126,513	74,455	58.9	71,088	56.2	4,361	66,726	3,366	4.5	52,058
1966.....	128,058	75,770	59.2	72,895	56.9	3,979	68,915	2,875	3.8	52,288
1967.....	129,874	77,347	59.6	74,372	57.3	3,844	70,527	2,975	3.8	52,527
1968.....	132,028	78,737	59.6	75,920	57.5	3,817	72,103	2,817	3.6	53,291
1969.....	134,335	80,734	60.1	77,902	58.0	3,606	74,296	2,832	3.5	53,602
1970.....	137,085	82,771	60.4	78,678	57.4	3,463	75,215	4,093	4.9	54,315
1971.....	140,216	84,382	60.2	79,367	56.6	3,394	75,972	5,016	5.9	55,834
1972.....	144,126	87,034	60.4	82,153	57.0	3,484	78,669	4,882	5.6	57,091
1973.....	147,096	89,429	60.8	85,064	57.8	3,470	81,594	4,365	4.9	57,667
1974.....	150,120	91,949	61.3	86,794	57.8	3,515	83,279	5,156	5.6	58,171
1975.....	153,153	93,775	61.2	85,846	56.1	3,408	82,438	7,929	8.5	59,378
1976.....	156,150	96,158	61.6	88,752	56.8	3,331	85,421	7,406	7.7	59,991
1977.....	159,033	99,009	62.3	92,017	57.9	3,283	88,734	6,991	7.1	60,025
1978.....	161,910	102,251	63.2	96,048	59.3	3,387	92,661	6,202	6.1	59,659
1979.....	164,863	104,962	63.7	98,824	59.9	3,347	95,477	6,137	5.8	59,900
1980.....	167,745	106,940	63.8	99,303	59.2	3,364	95,938	7,637	7.1	60,806
1981.....	170,130	108,670	63.9	100,397	59.0	3,368	97,030	8,273	7.6	61,460
1982.....	172,271	110,204	64.0	99,526	57.8	3,401	96,125	10,678	9.7	62,067
1983.....	174,215	111,550	64.0	100,834	57.9	3,383	97,450	10,717	9.6	62,665
1984.....	176,383	113,544	64.4	105,005	59.5	3,321	101,685	8,539	7.5	62,839
1985.....	178,206	115,461	64.8	107,150	60.1	3,179	103,971	8,312	7.2	62,744
1986.....	180,587	117,834	65.3	109,597	60.7	3,163	106,434	8,237	7.0	62,752
1987.....	182,753	119,865	65.6	112,440	61.5	3,208	109,232	7,425	6.2	62,888
1988.....	184,613	121,669	65.9	114,968	62.3	3,169	111,800	6,701	5.5	62,944
1989.....	186,393	123,869	66.5	117,342	63.0	3,199	114,142	6,528	5.3	62,523
1990.....	189,164	125,840	66.5	118,793	62.8	3,223	115,570	7,047	5.6	63,324
1991.....	190,925	126,346	66.2	117,718	61.7	3,269	114,449	8,628	6.8	64,578
1992.....	192,805	128,105	66.4	118,492	61.5	3,247	115,245	9,613	7.5	64,700
1993.....	194,838	129,200	66.3	120,259	61.7	3,115	117,144	8,940	6.9	65,638
1994.....	196,814	131,056	66.6	123,060	62.5	3,409	119,651	7,996	6.1	65,758
1995.....	198,584	132,304	66.6	124,900	62.9	3,440	121,460	7,404	5.6	66,280
1996.....	200,591	133,943	66.8	126,708	63.2	3,443	123,264	7,236	5.4	66,647
1997.....	203,133	136,297	67.1	129,558	63.8	3,399	126,159	6,739	4.9	66,837
1998.....	205,220	137,673	67.1	131,463	64.1	3,378	128,085	6,210	4.5	67,547
1999.....	207,753	139,368	67.1	133,488	64.3	3,281	130,207	5,880	4.2	68,385
2000.....	212,577	142,583	67.1	136,891	64.4	2,464	134,427	5,692	4.0	69,994
2001.....	215,092	143,734	66.8	136,933	63.7	2,299	134,635	6,801	4.7	71,359
2002.....	217,570	144,863	66.6	136,485	62.7	2,311	134,174	8,378	5.8	72,707
2003.....	221,168	146,510	66.2	137,736	62.3	2,275	135,461	8,774	6.0	74,658
2004.....	223,357	147,401	66.0	139,252	62.3	2,232	137,020	8,149	5.5	75,956
2005.....	226,082	149,320	66.0	141,730	62.7	2,197	139,532	7,591	5.1	76,762
2006.....	228,815	151,428	66.2	144,427	63.1	2,206	142,221	7,001	4.6	77,387
2007.....	231,867	153,124	66.0	146,047	63.0	2,095	143,952	7,078	4.6	78,743

**HOUSEHOLD DATA
ANNUAL AVERAGES**

1. Employment status of the civilian noninstitutional population, 1951 to date — Continued

[Numbers in thousands]

Year	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
2008.....	233,788	154,287	66.0	145,362	62.2	2,168	143,194	8,924	5.8	79,501
2009.....	235,801	154,142	65.4	139,877	59.3	2,103	137,775	14,265	9.3	81,659
2010.....	237,830	153,889	64.7	139,064	58.5	2,206	136,858	14,825	9.6	83,941
2011.....	239,618	153,617	64.1	139,869	58.4	2,254	137,615	13,747	8.9	86,001
2012.....	243,284	154,975	63.7	142,469	58.6	2,186	140,283	12,506	8.1	88,310
2013.....	245,679	155,389	63.2	143,929	58.6	2,130	141,799	11,460	7.4	90,290
2014.....	247,947	155,922	62.9	146,305	59.0	2,237	144,068	9,617	6.2	92,025
2015.....	250,801	157,130	62.7	148,834	59.3	2,422	146,411	8,296	5.3	93,671
2016.....	253,538	159,187	62.8	151,436	59.7	2,460	148,976	7,751	4.9	94,351
2017.....	255,079	160,320	62.9	153,337	60.1	2,454	150,883	6,982	4.4	94,759
2018.....	257,791	162,075	62.9	155,761	60.4	2,425	153,336	6,314	3.9	95,716
2019.....	259,175	163,539	63.1	157,538	60.8	2,425	155,113	6,001	3.7	95,636
2020.....	260,329	160,742	61.7	147,795	56.8	2,349	145,446	12,947	8.1	99,587
2021.....	261,445	161,204	61.7	152,581	58.4	2,291	150,290	8,623	5.3	100,241

NOTE: Revisions to population controls and other changes can affect the comparability of labor force levels over time. In recent years, for example, updated population controls have been introduced annually with the release of January data. Information about historical comparability is online at <https://www.bls.gov/cps/documentation.htm#comp>.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

3. Employment status of the civilian noninstitutional population by age, sex, and race

[Numbers in thousands]

Age, sex, and race	Civilian noninstitutional population	2021						Not in labor force
		Civilian labor force						
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
TOTAL								
16 years and over.....	261,445	161,204	61.7	152,581	58.4	8,623	5.3	100,241
16 to 19 years.....	16,453	5,962	36.2	5,266	32.0	696	11.7	10,491
16 to 17 years.....	8,763	2,243	25.6	1,987	22.7	256	11.4	6,521
18 to 19 years.....	7,690	3,719	48.4	3,279	42.6	440	11.8	3,970
20 to 24 years.....	20,809	14,726	70.8	13,409	64.4	1,317	8.9	6,083
25 to 54 years.....	126,108	102,867	81.6	97,867	77.6	5,000	4.9	23,241
25 to 34 years.....	44,751	36,670	81.9	34,578	77.3	2,092	5.7	8,081
25 to 29 years.....	22,103	18,025	81.5	16,915	76.5	1,110	6.2	4,078
30 to 34 years.....	22,648	18,645	82.3	17,664	78.0	982	5.3	4,003
35 to 44 years.....	41,842	34,320	82.0	32,734	78.2	1,586	4.6	7,522
35 to 39 years.....	21,479	17,625	82.1	16,804	78.2	821	4.7	3,854
40 to 44 years.....	20,363	16,695	82.0	15,930	78.2	765	4.6	3,668
45 to 54 years.....	39,515	31,877	80.7	30,554	77.3	1,323	4.2	7,637
45 to 49 years.....	19,212	15,801	82.2	15,142	78.8	659	4.2	3,411
50 to 54 years.....	20,302	16,076	79.2	15,413	75.9	664	4.1	4,226
55 to 64 years.....	41,885	27,049	64.6	25,912	61.9	1,138	4.2	14,835
55 to 59 years.....	20,905	15,090	72.2	14,442	69.1	647	4.3	5,815
60 to 64 years.....	20,980	11,960	57.0	11,470	54.7	490	4.1	9,020
65 years and over.....	56,190	10,600	18.9	10,127	18.0	472	4.5	45,591
65 to 69 years.....	18,266	5,932	32.5	5,660	31.0	273	4.6	12,334
70 to 74 years.....	15,199	2,711	17.8	2,583	17.0	128	4.7	12,488
75 years and over.....	22,726	1,957	8.6	1,885	8.3	72	3.7	20,769
Men								
16 years and over.....	126,487	85,505	67.6	80,829	63.9	4,676	5.5	40,983
16 to 19 years.....	8,313	2,987	35.9	2,613	31.4	373	12.5	5,327
16 to 17 years.....	4,438	1,082	24.4	957	21.6	125	11.6	3,356
18 to 19 years.....	3,875	1,904	49.1	1,656	42.7	248	13.0	1,971
20 to 24 years.....	10,385	7,579	73.0	6,840	65.9	739	9.7	2,806
25 to 54 years.....	62,303	54,817	88.0	52,112	83.6	2,705	4.9	7,486
25 to 34 years.....	22,359	19,609	87.7	18,443	82.5	1,167	5.9	2,749
25 to 29 years.....	11,076	9,552	86.2	8,929	80.6	623	6.5	1,525
30 to 34 years.....	11,282	10,058	89.1	9,514	84.3	544	5.4	1,225
35 to 44 years.....	20,632	18,491	89.6	17,639	85.5	852	4.6	2,141
35 to 39 years.....	10,623	9,594	90.3	9,141	86.0	453	4.7	1,029
40 to 44 years.....	10,009	8,897	88.9	8,498	84.9	399	4.5	1,112
45 to 54 years.....	19,312	16,716	86.6	16,031	83.0	685	4.1	2,596
45 to 49 years.....	9,386	8,311	88.5	7,970	84.9	340	4.1	1,075
50 to 54 years.....	9,927	8,406	84.7	8,060	81.2	345	4.1	1,521
55 to 64 years.....	20,193	14,217	70.4	13,614	67.4	603	4.2	5,977
55 to 59 years.....	10,142	7,903	77.9	7,563	74.6	340	4.3	2,239
60 to 64 years.....	10,051	6,313	62.8	6,051	60.2	262	4.2	3,738
65 years and over.....	25,293	5,906	23.3	5,649	22.3	257	4.3	19,387
65 to 69 years.....	8,571	3,246	37.9	3,099	36.2	148	4.5	5,325
70 to 74 years.....	7,015	1,541	22.0	1,471	21.0	70	4.5	5,474
75 years and over.....	9,706	1,118	11.5	1,079	11.1	39	3.5	8,588
Women								
16 years and over.....	134,958	75,699	56.1	71,752	53.2	3,948	5.2	59,259
16 to 19 years.....	8,139	2,975	36.6	2,652	32.6	323	10.8	5,164
16 to 17 years.....	4,325	1,160	26.8	1,030	23.8	131	11.2	3,164
18 to 19 years.....	3,815	1,815	47.6	1,623	42.5	192	10.6	2,000
20 to 24 years.....	10,425	7,147	68.6	6,569	63.0	578	8.1	3,277
25 to 54 years.....	63,805	48,050	75.3	45,754	71.7	2,296	4.8	15,754
25 to 34 years.....	22,392	17,060	76.2	16,136	72.1	925	5.4	5,332
25 to 29 years.....	11,027	8,473	76.8	7,986	72.4	487	5.7	2,554
30 to 34 years.....	11,366	8,587	75.6	8,150	71.7	438	5.1	2,778
35 to 44 years.....	21,210	15,829	74.6	15,095	71.2	733	4.6	5,381

**HOUSEHOLD DATA
ANNUAL AVERAGES**

3. Employment status of the civilian noninstitutional population by age, sex, and race — Continued

[Numbers in thousands]

Age, sex, and race	2021							
	Civilian noninsti- tutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
35 to 39 years.....	10,857	8,031	74.0	7,663	70.6	368	4.6	2,826
40 to 44 years.....	10,354	7,798	75.3	7,432	71.8	366	4.7	2,556
45 to 54 years.....	20,202	15,161	75.0	14,523	71.9	638	4.2	5,041
45 to 49 years.....	9,827	7,490	76.2	7,171	73.0	319	4.3	2,336
50 to 54 years.....	10,375	7,671	73.9	7,352	70.9	319	4.2	2,705
55 to 64 years.....	21,692	12,833	59.2	12,298	56.7	535	4.2	8,859
55 to 59 years.....	10,763	7,186	66.8	6,879	63.9	307	4.3	3,577
60 to 64 years.....	10,929	5,647	51.7	5,419	49.6	228	4.0	5,282
65 years and over.....	30,898	4,694	15.2	4,478	14.5	216	4.6	26,204
65 to 69 years.....	9,695	2,686	27.7	2,561	26.4	125	4.6	7,009
70 to 74 years.....	8,184	1,170	14.3	1,112	13.6	58	5.0	7,014
75 years and over.....	13,019	838	6.4	806	6.2	33	3.9	12,181
WHITE								
16 years and over.....	201,881	124,145	61.5	118,291	58.6	5,854	4.7	77,737
16 to 19 years.....	12,067	4,651	38.5	4,164	34.5	486	10.5	7,417
16 to 17 years.....	6,378	1,770	27.7	1,588	24.9	182	10.3	4,608
18 to 19 years.....	5,689	2,881	50.6	2,577	45.3	304	10.6	2,808
20 to 24 years.....	15,275	11,142	72.9	10,284	67.3	858	7.7	4,133
25 to 54 years.....	94,298	77,578	82.3	74,276	78.8	3,302	4.3	16,721
25 to 34 years.....	32,614	26,983	82.7	25,663	78.7	1,320	4.9	5,631
25 to 29 years.....	16,072	13,257	82.5	12,550	78.1	707	5.3	2,814
30 to 34 years.....	16,543	13,726	83.0	13,113	79.3	613	4.5	2,817
35 to 44 years.....	31,334	25,891	82.6	24,832	79.2	1,058	4.1	5,444
35 to 39 years.....	16,023	13,226	82.5	12,681	79.1	546	4.1	2,797
40 to 44 years.....	15,311	12,664	82.7	12,152	79.4	513	4.0	2,647
45 to 54 years.....	30,350	24,704	81.4	23,780	78.4	923	3.7	5,646
45 to 49 years.....	14,568	12,055	82.7	11,607	79.7	448	3.7	2,514
50 to 54 years.....	15,782	12,649	80.2	12,174	77.1	476	3.8	3,133
55 to 64 years.....	33,428	21,954	65.7	21,110	63.2	844	3.8	11,474
55 to 59 years.....	16,630	12,146	73.0	11,668	70.2	478	3.9	4,484
60 to 64 years.....	16,798	9,808	58.4	9,442	56.2	366	3.7	6,990
65 years and over.....	46,812	8,820	18.8	8,456	18.1	364	4.1	37,992
65 to 69 years.....	14,848	4,869	32.8	4,662	31.4	206	4.2	9,979
70 to 74 years.....	12,662	2,267	17.9	2,169	17.1	98	4.3	10,395
75 years and over.....	19,302	1,685	8.7	1,625	8.4	60	3.6	17,617
Men								
16 years and over.....	98,741	67,036	67.9	63,814	64.6	3,222	4.8	31,705
16 to 19 years.....	6,129	2,341	38.2	2,077	33.9	265	11.3	3,788
16 to 17 years.....	3,238	857	26.5	768	23.7	89	10.4	2,382
18 to 19 years.....	2,891	1,485	51.4	1,309	45.3	175	11.8	1,406
20 to 24 years.....	7,674	5,813	75.7	5,316	69.3	496	8.5	1,861
25 to 54 years.....	47,276	42,130	89.1	40,317	85.3	1,813	4.3	5,146
25 to 34 years.....	16,459	14,629	88.9	13,870	84.3	758	5.2	1,831
25 to 29 years.....	8,116	7,091	87.4	6,682	82.3	409	5.8	1,026
30 to 34 years.....	8,343	7,538	90.4	7,188	86.2	350	4.6	805
35 to 44 years.....	15,719	14,276	90.8	13,704	87.2	572	4.0	1,443
35 to 39 years.....	8,051	7,355	91.4	7,061	87.7	294	4.0	696
40 to 44 years.....	7,668	6,920	90.3	6,642	86.6	278	4.0	747
45 to 54 years.....	15,098	13,225	87.6	12,742	84.4	483	3.7	1,872
45 to 49 years.....	7,253	6,483	89.4	6,249	86.2	234	3.6	770
50 to 54 years.....	7,845	6,742	85.9	6,493	82.8	249	3.7	1,103
55 to 64 years.....	16,324	11,735	71.9	11,286	69.1	449	3.8	4,589
55 to 59 years.....	8,177	6,487	79.3	6,231	76.2	255	3.9	1,691
60 to 64 years.....	8,147	5,249	64.4	5,055	62.0	194	3.7	2,898
65 years and over.....	21,338	5,017	23.5	4,818	22.6	199	4.0	16,321
65 to 69 years.....	7,058	2,721	38.5	2,609	37.0	112	4.1	4,338
70 to 74 years.....	5,937	1,316	22.2	1,263	21.3	53	4.0	4,621

**HOUSEHOLD DATA
ANNUAL AVERAGES**

3. Employment status of the civilian noninstitutional population by age, sex, and race — Continued

[Numbers in thousands]

Age, sex, and race	2021							
	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
75 years and over.....	8,343	980	11.7	946	11.3	34	3.5	7,362
Women								
16 years and over.....	103,140	57,109	55.4	54,476	52.8	2,632	4.6	46,032
16 to 19 years.....	5,938	2,309	38.9	2,088	35.2	221	9.6	3,629
16 to 17 years.....	3,139	913	29.1	820	26.1	93	10.1	2,227
18 to 19 years.....	2,798	1,396	49.9	1,267	45.3	129	9.2	1,402
20 to 24 years.....	7,602	5,329	70.1	4,967	65.3	362	6.8	2,272
25 to 54 years.....	47,023	35,448	75.4	33,959	72.2	1,489	4.2	11,575
25 to 34 years.....	16,155	12,355	76.5	11,793	73.0	562	4.5	3,800
25 to 29 years.....	7,955	6,167	77.5	5,868	73.8	299	4.8	1,789
30 to 34 years.....	8,200	6,188	75.5	5,925	72.3	263	4.3	2,012
35 to 44 years.....	15,615	11,615	74.4	11,128	71.3	487	4.2	4,000
35 to 39 years.....	7,972	5,871	73.6	5,619	70.5	252	4.3	2,101
40 to 44 years.....	7,643	5,744	75.1	5,509	72.1	235	4.1	1,899
45 to 54 years.....	15,252	11,478	75.3	11,038	72.4	440	3.8	3,774
45 to 49 years.....	7,315	5,571	76.2	5,358	73.2	214	3.8	1,744
50 to 54 years.....	7,937	5,907	74.4	5,680	71.6	226	3.8	2,030
55 to 64 years.....	17,104	10,219	59.7	9,824	57.4	395	3.9	6,885
55 to 59 years.....	8,453	5,660	67.0	5,437	64.3	223	3.9	2,793
60 to 64 years.....	8,651	4,559	52.7	4,387	50.7	172	3.8	4,092
65 years and over.....	25,474	3,803	14.9	3,638	14.3	165	4.3	21,671
65 to 69 years.....	7,790	2,148	27.6	2,053	26.4	94	4.4	5,642
70 to 74 years.....	6,725	951	14.1	906	13.5	45	4.7	5,774
75 years and over.....	10,959	704	6.4	678	6.2	26	3.7	10,255
BLACK OR AFRICAN AMERICAN								
16 years and over.....	33,613	20,482	60.9	18,726	55.7	1,756	8.6	13,131
16 to 19 years.....	2,389	724	30.3	604	25.3	120	16.6	1,665
16 to 17 years.....	1,295	255	19.7	211	16.3	44	17.2	1,041
18 to 19 years.....	1,093	469	42.9	393	35.9	77	16.3	624
20 to 24 years.....	3,064	2,035	66.4	1,748	57.0	287	14.1	1,029
25 to 54 years.....	17,508	13,800	78.8	12,678	72.4	1,122	8.1	3,708
25 to 34 years.....	6,739	5,354	79.5	4,811	71.4	544	10.2	1,385
25 to 29 years.....	3,376	2,652	78.6	2,378	70.4	275	10.4	724
30 to 34 years.....	3,363	2,702	80.3	2,433	72.3	269	10.0	661
35 to 44 years.....	5,647	4,517	80.0	4,180	74.0	336	7.4	1,130
35 to 39 years.....	2,900	2,332	80.4	2,161	74.5	171	7.3	568
40 to 44 years.....	2,747	2,185	79.5	2,019	73.5	165	7.6	562
45 to 54 years.....	5,123	3,929	76.7	3,687	72.0	242	6.2	1,193
45 to 49 years.....	2,523	2,010	79.7	1,879	74.5	131	6.5	513
50 to 54 years.....	2,600	1,920	73.8	1,808	69.6	111	5.8	680
55 to 64 years.....	5,153	2,896	56.2	2,735	53.1	161	5.6	2,256
55 to 59 years.....	2,534	1,654	65.3	1,562	61.7	92	5.5	880
60 to 64 years.....	2,618	1,242	47.4	1,173	44.8	69	5.6	1,376
65 years and over.....	5,499	1,026	18.7	961	17.5	66	6.4	4,473
65 to 69 years.....	2,016	590	29.3	554	27.5	36	6.2	1,426
70 to 74 years.....	1,496	262	17.5	241	16.1	21	8.1	1,234
75 years and over.....	1,987	174	8.7	166	8.3	8	4.6	1,813
Men								
16 years and over.....	15,389	9,775	63.5	8,875	57.7	900	9.2	5,614
16 to 19 years.....	1,182	333	28.2	278	23.5	55	16.5	849
16 to 17 years.....	655	113	17.3	94	14.4	19	16.7	542
18 to 19 years.....	527	220	41.8	184	34.9	36	16.5	307
20 to 24 years.....	1,477	1,001	67.8	859	58.2	142	14.2	476
25 to 54 years.....	8,142	6,603	81.1	6,012	73.8	591	8.9	1,540
25 to 34 years.....	3,235	2,662	82.3	2,371	73.3	291	10.9	573
25 to 29 years.....	1,637	1,342	82.0	1,198	73.2	145	10.8	295
30 to 34 years.....	1,598	1,320	82.6	1,173	73.4	147	11.1	279

**HOUSEHOLD DATA
ANNUAL AVERAGES**

3. Employment status of the civilian noninstitutional population by age, sex, and race — Continued

[Numbers in thousands]

Age, sex, and race	Civilian noninstitutional population	2021						Not in labor force
		Civilian labor force						
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
35 to 44 years.	2,592	2,133	82.3	1,955	75.4	178	8.3	459
35 to 39 years.	1,341	1,123	83.7	1,026	76.5	97	8.7	218
40 to 44 years.	1,251	1,010	80.7	929	74.3	81	8.0	241
45 to 54 years.	2,315	1,807	78.1	1,686	72.8	121	6.7	508
45 to 49 years.	1,134	925	81.5	862	76.0	63	6.8	209
50 to 54 years.	1,181	883	74.7	824	69.8	58	6.6	298
55 to 64 years.	2,338	1,353	57.9	1,274	54.5	79	5.8	985
55 to 59 years.	1,143	755	66.1	713	62.4	42	5.5	388
60 to 64 years.	1,196	598	50.0	561	46.9	37	6.2	597
65 years and over.	2,249	485	21.5	452	20.1	33	6.7	1,764
65 to 69 years.	883	276	31.3	260	29.4	16	5.9	607
70 to 74 years.	617	129	20.8	116	18.9	12	9.4	488
75 years and over.	749	80	10.7	75	10.1	4	5.4	669
Women								
16 years and over.	18,224	10,707	58.8	9,851	54.1	857	8.0	7,517
16 to 19 years.	1,207	391	32.4	325	27.0	65	16.7	816
16 to 17 years.	641	142	22.1	117	18.3	25	17.5	499
18 to 19 years.	566	249	44.0	208	36.8	40	16.2	317
20 to 24 years.	1,587	1,034	65.1	889	56.0	145	14.0	553
25 to 54 years.	9,366	7,198	76.8	6,666	71.2	531	7.4	2,168
25 to 34 years.	3,504	2,693	76.8	2,440	69.6	252	9.4	812
25 to 29 years.	1,739	1,310	75.3	1,180	67.9	130	9.9	429
30 to 34 years.	1,765	1,383	78.3	1,260	71.4	122	8.9	383
35 to 44 years.	3,054	2,383	78.0	2,225	72.9	158	6.6	671
35 to 39 years.	1,559	1,209	77.6	1,135	72.8	74	6.1	350
40 to 44 years.	1,496	1,175	78.5	1,090	72.9	85	7.2	321
45 to 54 years.	2,807	2,122	75.6	2,001	71.3	121	5.7	686
45 to 49 years.	1,389	1,085	78.1	1,017	73.3	68	6.2	304
50 to 54 years.	1,419	1,037	73.1	984	69.3	53	5.1	382
55 to 64 years.	2,814	1,543	54.8	1,461	51.9	82	5.3	1,271
55 to 59 years.	1,392	899	64.6	849	61.0	50	5.6	492
60 to 64 years.	1,423	644	45.3	612	43.0	32	5.0	779
65 years and over.	3,251	542	16.7	509	15.7	33	6.1	2,709
65 to 69 years.	1,133	314	27.7	294	26.0	20	6.4	819
70 to 74 years.	879	134	15.2	124	14.2	9	6.9	746
75 years and over.	1,238	94	7.6	90	7.3	4	3.9	1,144
ASIAN								
16 years and over.	16,521	10,545	63.8	10,016	60.6	529	5.0	5,976
16 to 19 years.	904	191	21.2	166	18.4	25	13.1	713
16 to 17 years.	468	64	13.7	58	12.4	6	9.3	404
18 to 19 years.	436	127	29.2	108	24.8	19	15.0	308
20 to 24 years.	1,276	712	55.8	649	50.9	63	8.8	564
25 to 54 years.	9,313	7,547	81.0	7,225	77.6	322	4.3	1,766
25 to 34 years.	3,277	2,631	80.3	2,520	76.9	111	4.2	646
25 to 29 years.	1,552	1,243	80.1	1,187	76.5	56	4.5	309
30 to 34 years.	1,725	1,388	80.5	1,333	77.3	55	4.0	337
35 to 44 years.	3,240	2,650	81.8	2,539	78.4	111	4.2	590
35 to 39 years.	1,706	1,397	81.9	1,340	78.5	58	4.1	309
40 to 44 years.	1,534	1,253	81.7	1,200	78.2	54	4.3	281
45 to 54 years.	2,796	2,266	81.0	2,167	77.5	99	4.4	530
45 to 49 years.	1,482	1,213	81.8	1,165	78.6	48	3.9	269
50 to 54 years.	1,314	1,053	80.1	1,001	76.2	52	4.9	261
55 to 64 years.	2,252	1,554	69.0	1,461	64.9	93	6.0	698
55 to 59 years.	1,158	884	76.3	828	71.5	56	6.3	274
60 to 64 years.	1,093	670	61.3	633	57.9	37	5.5	423
65 years and over.	2,777	540	19.5	514	18.5	26	4.9	2,236
65 to 69 years.	962	331	34.4	312	32.5	19	5.6	631

**HOUSEHOLD DATA
ANNUAL AVERAGES**

3. Employment status of the civilian noninstitutional population by age, sex, and race — Continued

[Numbers in thousands]

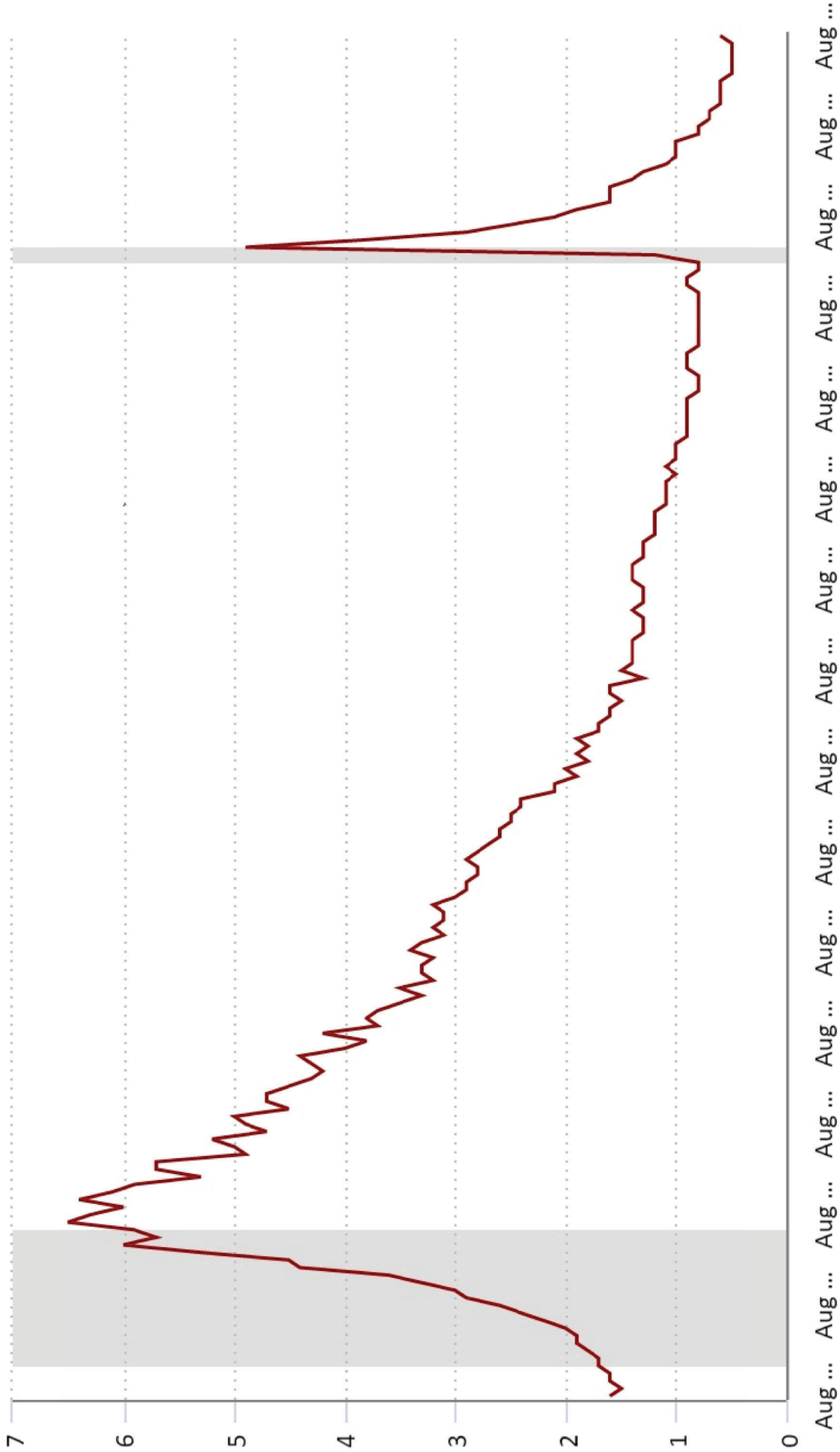
Age, sex, and race	2021							
	Civilian noninsti- tutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
70 to 74 years.....	736	131	17.8	125	17.0	5	4.1	606
75 years and over.....	1,078	79	7.3	76	7.1	2	3.0	1,000
Men								
16 years and over.....	7,751	5,566	71.8	5,292	68.3	275	4.9	2,184
16 to 19 years.....	435	98	22.5	83	19.2	14	14.6	337
16 to 17 years.....	229	35	15.3	33	14.2	2	6.9	194
18 to 19 years.....	206	63	30.4	51	24.7	12	18.9	143
20 to 24 years.....	635	344	54.1	312	49.1	32	9.3	291
25 to 54 years.....	4,447	4,031	90.6	3,869	87.0	162	4.0	416
25 to 34 years.....	1,604	1,411	87.9	1,358	84.6	53	3.8	194
25 to 29 years.....	774	655	84.7	628	81.1	27	4.2	119
30 to 34 years.....	830	755	90.9	730	87.9	26	3.4	75
35 to 44 years.....	1,537	1,431	93.1	1,372	89.2	59	4.1	106
35 to 39 years.....	836	779	93.2	746	89.2	33	4.3	57
40 to 44 years.....	702	652	93.0	626	89.3	26	4.0	49
45 to 54 years.....	1,305	1,190	91.1	1,140	87.3	50	4.2	116
45 to 49 years.....	706	650	92.0	626	88.6	25	3.8	56
50 to 54 years.....	599	540	90.1	514	85.8	26	4.8	59
55 to 64 years.....	1,028	801	77.9	749	72.9	52	6.4	228
55 to 59 years.....	539	450	83.6	421	78.2	29	6.5	88
60 to 64 years.....	490	350	71.6	328	67.0	22	6.4	139
65 years and over.....	1,206	293	24.3	278	23.1	15	5.0	913
65 to 69 years.....	419	176	42.0	165	39.3	11	6.5	243
70 to 74 years.....	316	68	21.5	65	20.7	3	3.9	248
75 years and over.....	471	49	10.4	48	10.3	1	1.3	421
Women								
16 years and over.....	8,770	4,978	56.8	4,725	53.9	254	5.1	3,792
16 to 19 years.....	469	94	20.0	83	17.6	11	11.6	376
16 to 17 years.....	239	29	12.1	25	10.6	4	—	210
18 to 19 years.....	230	65	28.1	57	25.0	7	11.3	165
20 to 24 years.....	641	369	57.5	338	52.7	31	8.3	273
25 to 54 years.....	4,866	3,515	72.3	3,356	69.0	159	4.5	1,350
25 to 34 years.....	1,672	1,220	73.0	1,162	69.5	58	4.8	452
25 to 29 years.....	778	587	75.5	559	71.9	29	4.9	190
30 to 34 years.....	895	633	70.7	603	67.4	30	4.7	262
35 to 44 years.....	1,702	1,219	71.6	1,167	68.6	52	4.3	483
35 to 39 years.....	870	618	71.1	594	68.3	24	3.9	252
40 to 44 years.....	832	601	72.2	573	68.8	28	4.6	232
45 to 54 years.....	1,491	1,076	72.2	1,027	68.9	49	4.6	415
45 to 49 years.....	776	563	72.5	540	69.6	23	4.1	213
50 to 54 years.....	715	513	71.8	487	68.2	26	5.1	202
55 to 64 years.....	1,223	753	61.6	712	58.2	41	5.4	470
55 to 59 years.....	620	434	70.0	408	65.7	26	6.1	186
60 to 64 years.....	604	320	52.9	305	50.5	15	4.6	284
65 years and over.....	1,571	247	15.7	236	15.0	12	4.7	1,324
65 to 69 years.....	543	155	28.5	148	27.2	7	4.6	388
70 to 74 years.....	420	63	14.9	60	14.3	3	4.4	357
75 years and over.....	608	30	4.9	28	4.6	2	—	578

NOTE: Estimates for the above race groups will not sum to totals because data are not presented for all races. Updated population controls are introduced annually with the release of January data. Dash indicates no data or data that do not meet publication criteria (values not shown where base is less than 35,000).



Number of unemployed persons per job opening, seasonally adjusted

Click and drag within the chart to zoom in on time periods



Hover over chart to view data.

Note: Shaded area represents recession, as determined by the National Bureau of Economic Research.

Source: U.S. Bureau of Labor Statistics.

AR2022_401097



U.S. BUREAU OF LABOR STATISTICS

Occupational Employment and Wage Statistics

OESW PR N

Occupational Employment and Wages, May 2020

23-1011 Lawyers

Represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, or manage or advise clients on legal transactions. May specialize in a single area or may practice broadly in many areas of law.

[National estimates for Lawyers](#)
[Industry profile for Lawyers](#)
[Geographic profile for Lawyers](#)

National estimates for Lawyers:

Employment estimate and mean wage estimates for Lawyers:

Employment (1)	Employment RSE (3)	Mean hourly wage	Mean annual wage (2)	Wage RSE (3)
658,120	0.7 %	\$ 71.59	\$ 148,910	0.7 %

Percentile wage estimates for Lawyers:

Percentile	10%	25%	50% (Median)	75%	90%
Hourly Wage	\$ 29.56	\$ 40.60	\$ 61.03	\$ 91.11	(5)
Annual Wage (2)	\$ 61,490	\$ 84,450	\$ 126,930	\$ 189,520	(5)

Industry profile for Lawyers:

Industries with the highest published employment and wages for Lawyers are provided. For a list of all industries with employment in Lawyers, see the [Create Customized Tables](#) function.

Industries with the highest levels of employment in Lawyers:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Legal Services	401,340	35.28	\$ 73.86	\$ 153,630
Local Government, excluding schools and hospitals (OEWS Designation)	56,790	1.05	\$ 53.51	\$ 111,300
State Government, excluding schools and hospitals (OEWS Designation)	45,250	2.06	\$ 46.85	\$ 97,440
Federal Executive Branch (OEWS Designation)	38,970	1.87	\$ 70.46	\$ 146,560
Management of Companies and Enterprises	20,810	0.86	\$ 88.77	\$ 184,640

Industries with the highest concentration of employment in Lawyers:

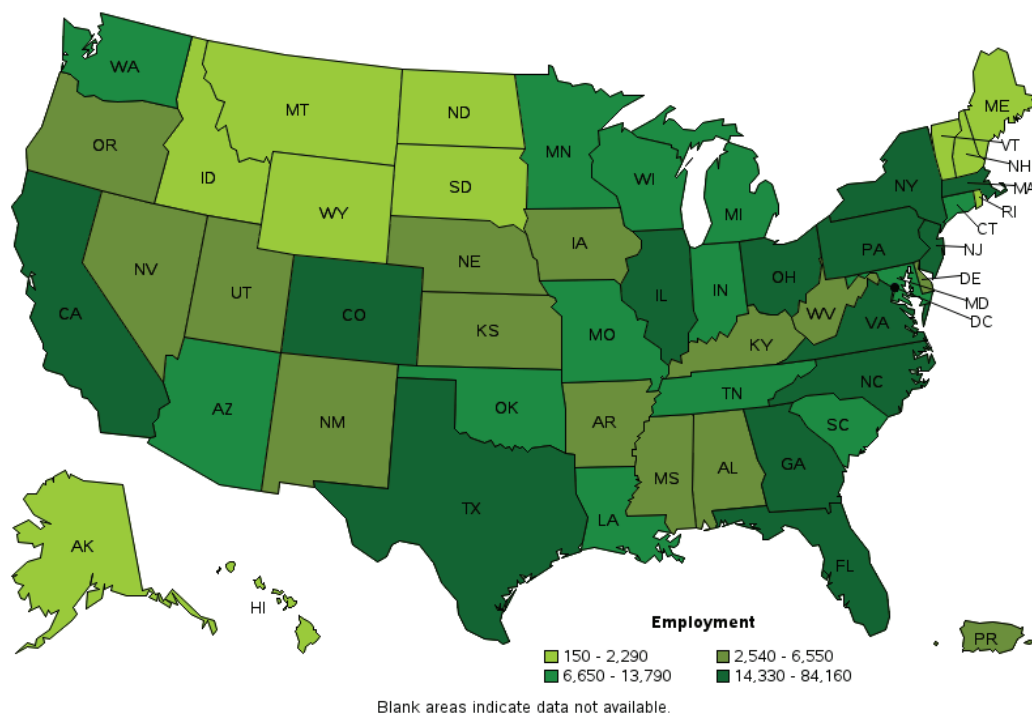
Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Legal Services	401,340	35.28	\$ 73.86	\$ 153,630
Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	520	2.47	\$ 74.40	\$ 154,740
State Government, excluding schools and hospitals (OEWS Designation)	45,250	2.06	\$ 46.85	\$ 97,440
Federal Executive Branch (OEWS Designation)	38,970	1.87	\$ 70.46	\$ 146,560
Social Advocacy Organizations	3,110	1.42	\$ 55.46	\$ 115,360

Top paying industries for Lawyers:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Specialized Design Services	80	0.06	\$ 112.21	\$ 233,400
Computer and Peripheral Equipment Manufacturing	450	0.28	\$ 106.25	\$ 221,000
Motion Picture and Video Industries	300	0.09	\$ 104.98	\$ 218,360
Cable and Other Subscription Programming	270	0.53	\$ 104.26	\$ 216,860
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	550	0.13	\$ 100.22	\$ 208,460

Geographic profile for Lawyers:

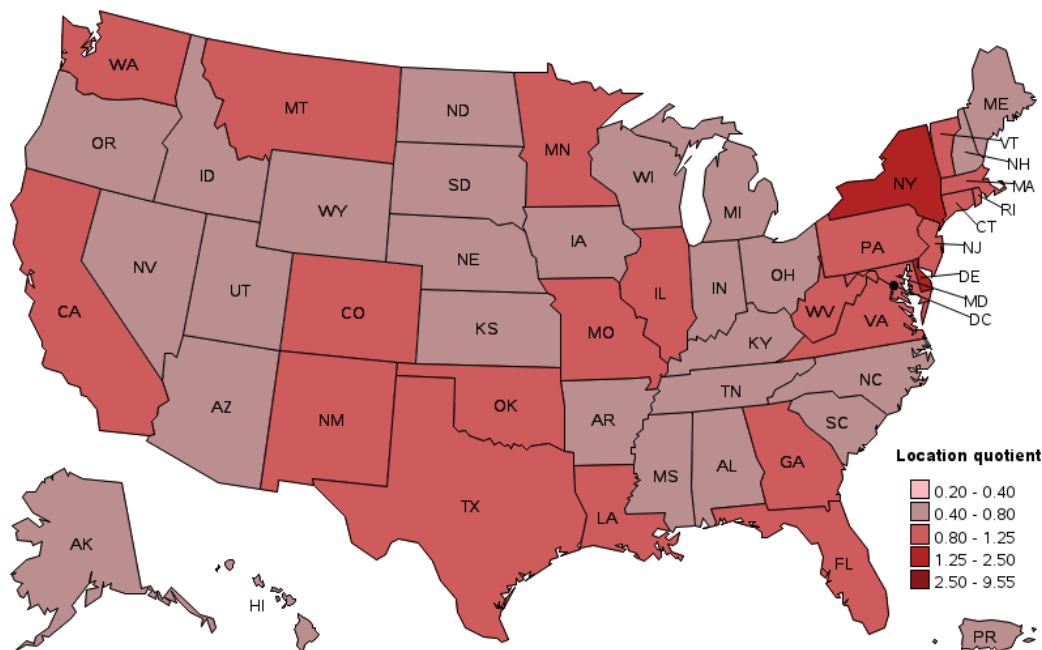
States and areas with the highest published employment, location quotients, and wages for Lawyers are provided. For a list of all areas with employment in Lawyers, see the [Create Customized Tables](#) function.

Employment of lawyers, by state, May 2020

States with the highest employment level in Lawyers:

State	Employment (1)	Employment per thousand jobs	Location quotient (2)	Hourly mean wage	Annual mean wage (2)
California	84,160	5.12	1.08	\$ 86.28	\$ 179,470
New York	76,660	8.82	1.86	\$ 83.68	\$ 174,060
Florida	47,010	5.57	1.18	\$ 66.91	\$ 139,160
Texas	46,340	3.83	0.81	\$ 68.62	\$ 142,730
District of Columbia	31,050	45.19	9.55	\$ 94.76	\$ 197,100

Location quotient of lawyers, by state, May 2020

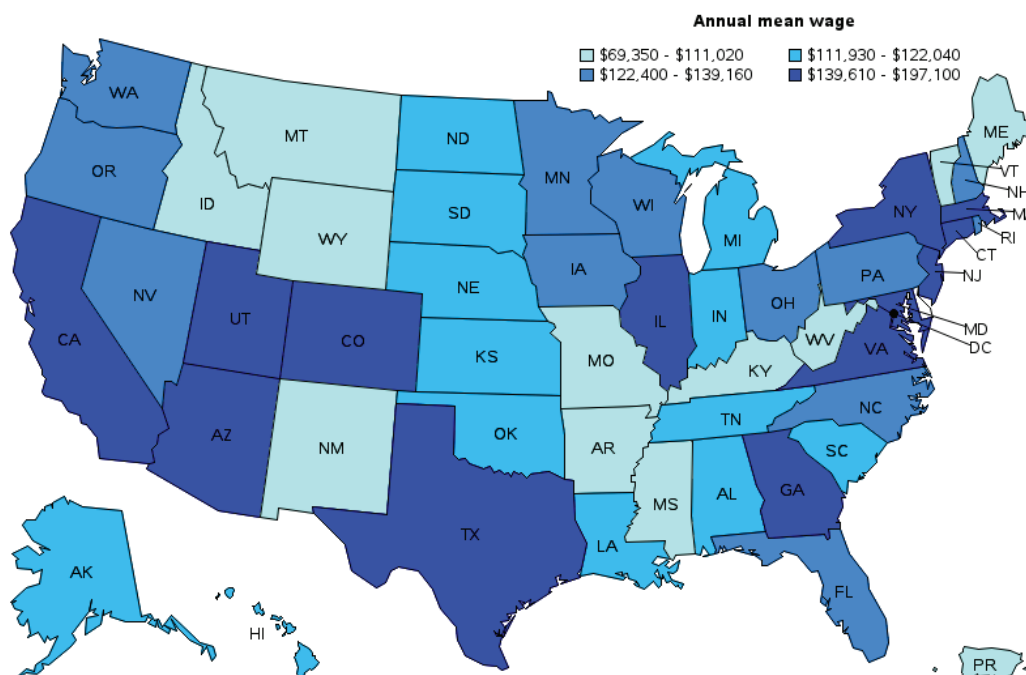


Blank areas indicate data not available.

States with the highest concentration of jobs and location quotients in Lawyers:

State	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
District of Columbia	31,050	45.19	9.55	\$ 94.76	\$ 197,100
New York	76,660	8.82	1.86	\$ 83.68	\$ 174,060
Delaware	2,630	6.17	1.30	(8)	(8)
Colorado	14,680	5.69	1.20	\$ 71.31	\$ 148,330
Massachusetts	18,880	5.64	1.19	\$ 81.31	\$ 169,120

Annual mean wage of lawyers, by state, May 2020

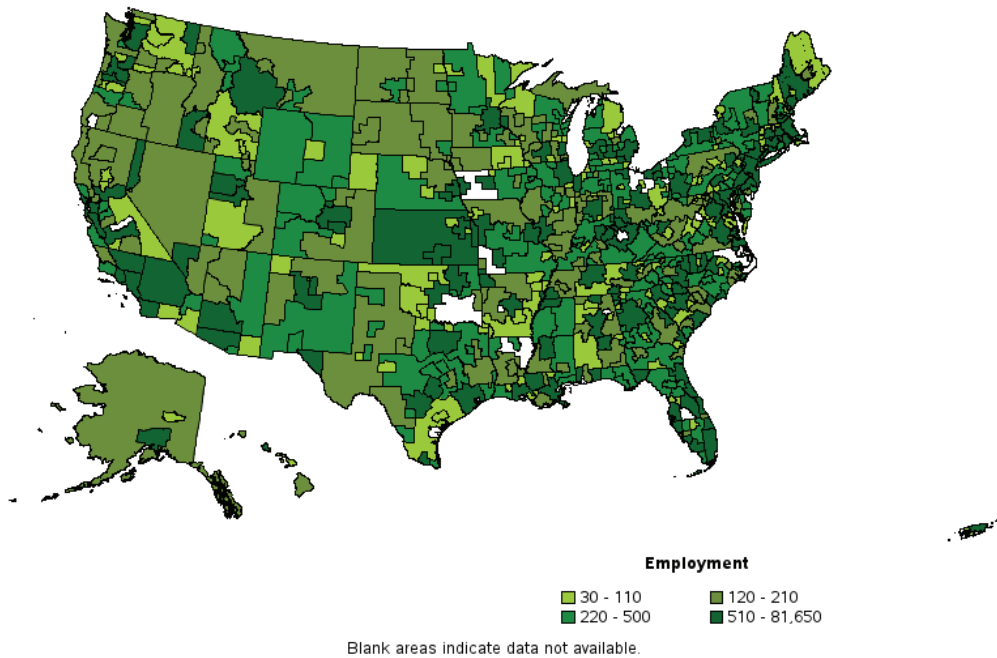


Blank areas indicate data not available.

Top paying states for Lawyers:

State	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
District of Columbia	31,050	45.19	9.55	\$ 94.76	\$ 197,100
California	84,160	5.12	1.08	\$ 86.28	\$ 179,470
New York	76,660	8.82	1.86	\$ 83.68	\$ 174,060
Massachusetts	18,880	5.64	1.19	\$ 81.31	\$ 169,120
Connecticut	7,710	5.00	1.06	\$ 76.05	\$ 158,190

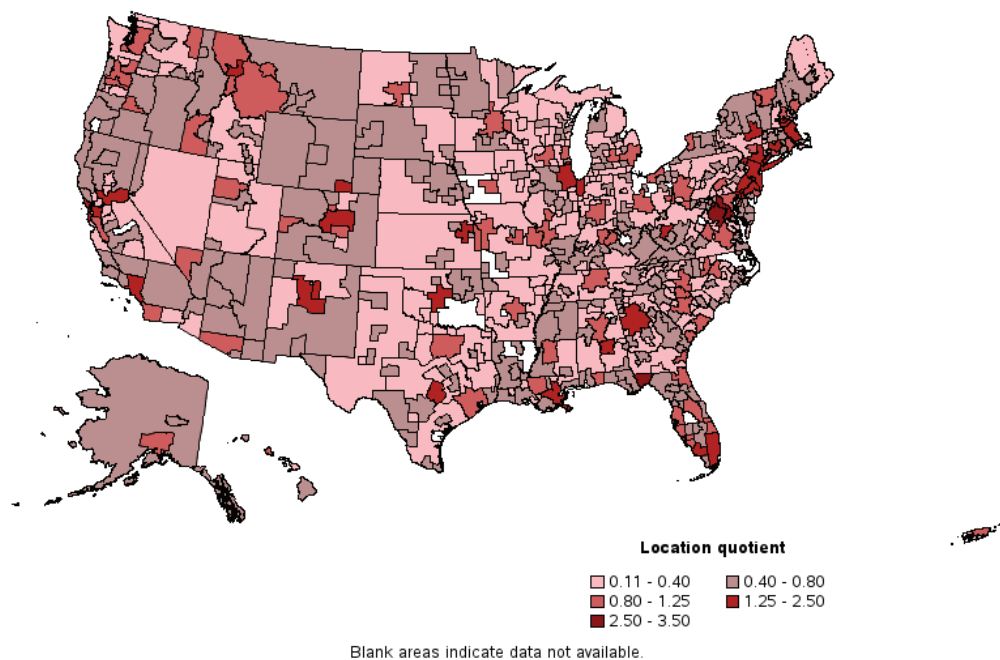
Employment of lawyers, by area, May 2020



Metropolitan areas with the highest employment level in Lawyers:

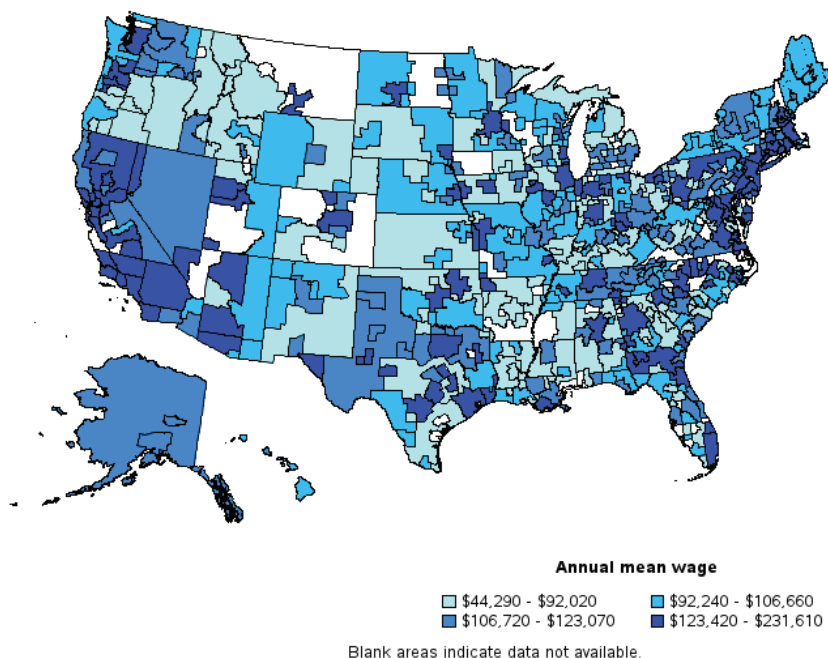
Metropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
New York-Newark-Jersey City, NY-NJ-PA	81,650	9.24	1.95	\$ 86.62	\$ 180,160
Washington-Arlington-Alexandria, DC-VA-MD-WV	43,990	14.55	3.08	\$ 89.46	\$ 186,070
Los Angeles-Long Beach-Anaheim, CA	38,390	6.59	1.39	\$ 86.64	\$ 180,220
Chicago-Naperville-Elgin, IL-IN-WI	27,320	6.26	1.32	\$ 76.45	\$ 159,010
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	18,880	7.00	1.48	\$ 73.14	\$ 152,130
Miami-Fort Lauderdale-West Palm Beach, FL	18,790	7.49	1.58	\$ 81.48	\$ 169,480
Boston-Cambridge-Nashua, MA-NH	16,770	6.45	1.36	\$ 84.41	\$ 175,570
San Francisco-Oakland-Hayward, CA	16,740	7.18	1.52	\$ 97.08	\$ 201,920
Atlanta-Sandy Springs-Roswell, GA	15,570	5.91	1.25	\$ 71.75	\$ 149,240
Dallas-Fort Worth-Arlington, TX	15,510	4.32	0.91	\$ 72.23	\$ 150,230

Location quotient of lawyers, by area, May 2020



Metropolitan areas with the highest concentration of jobs and location quotients in Lawyers:

Metropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
Washington-Arlington-Alexandria, DC-VA-MD-WV	43,990	14.55	3.08	\$ 89.46	\$ 186,070
Tallahassee, FL	2,150	12.67	2.68	\$ 48.96	\$ 101,840
Charleston, WV	1,070	10.38	2.19	\$ 52.72	\$ 109,660
Santa Fe, NM	550	9.60	2.03	\$ 45.55	\$ 94,740
New York-Newark-Jersey City, NY-NJ-PA	81,650	9.24	1.95	\$ 86.62	\$ 180,160
Trenton, NJ	1,860	8.06	1.70	(8)	(8)
New Orleans-Metairie, LA	4,120	8.00	1.69	\$ 59.17	\$ 123,070
Montgomery, AL	1,210	7.82	1.65	\$ 51.35	\$ 106,810
Albany-Schenectady-Troy, NY	3,210	7.63	1.61	\$ 54.89	\$ 114,170
Denver-Aurora-Lakewood, CO	11,020	7.56	1.60	\$ 73.11	\$ 152,060



Top paying metropolitan areas for Lawyers:

Metropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
San Jose-Sunnyvale-Santa Clara, CA	5,380	4.88	1.03	\$ 111.35	\$ 231,610
San Francisco-Oakland-Hayward, CA	16,740	7.18	1.52	\$ 97.08	\$ 201,920
Washington-Arlington-Alexandria, DC-VA-MD-WV	43,990	14.55	3.08	\$ 89.46	\$ 186,070
Los Angeles-Long Beach-Anaheim, CA	38,390	6.59	1.39	\$ 86.64	\$ 180,220
New York-Newark-Jersey City, NY-NJ-PA	81,650	9.24	1.95	\$ 86.62	\$ 180,160
Boston-Cambridge-Nashua, MA-NH	16,770	6.45	1.36	\$ 84.41	\$ 175,570
Santa Rosa, CA	470	2.43	0.51	\$ 84.04	\$ 174,810
Bridgeport-Stamford-Norwalk, CT	2,380	6.32	1.34	\$ 82.93	\$ 172,490
Napa, CA	130	1.83	0.39	\$ 82.14	\$ 170,850
Miami-Fort Lauderdale-West Palm Beach, FL	18,790	7.49	1.58	\$ 81.48	\$ 169,480

Nonmetropolitan areas with the highest employment in Lawyers:

Nonmetropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
Central Kentucky nonmetropolitan area	620	3.70	0.78	\$ 30.25	\$ 62,920
Southwest Maine nonmetropolitan area	600	3.31	0.70	\$ 44.57	\$ 92,710
Kansas nonmetropolitan area	600	1.58	0.33	\$ 36.29	\$ 75,480
Southwest Montana nonmetropolitan area	580	4.27	0.90	\$ 39.76	\$ 82,700
Central New Hampshire nonmetropolitan area	470	5.23	1.10	\$ 61.40	\$ 127,710

Nonmetropolitan areas with the highest concentration of jobs and location quotients in Lawyers:

Nonmetropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
----------------------	----------------	------------------------------	-----------------------	------------------	----------------------

Central New Hampshire nonmetropolitan area	470	5.23	1.10	Lawyers \$ 61.40	\$ 127,710
Southwest Montana nonmetropolitan area	580	4.27	0.90	\$ 39.76	\$ 82,700
West Montana nonmetropolitan area	300	3.96	0.84	\$ 33.79	\$ 70,280
Northern Vermont nonmetropolitan area	260	3.91	0.83	\$ 49.32	\$ 102,580
Central Kentucky nonmetropolitan area	620	3.70	0.78	\$ 30.25	\$ 62,920

Top paying nonmetropolitan areas for Lawyers:

Nonmetropolitan area	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
North Valley-Northern Mountains Region of California nonmetropolitan area	200	2.01	0.43	\$ 64.28	\$ 133,690
Northern Pennsylvania nonmetropolitan area	190	1.32	0.28	\$ 62.10	\$ 129,160
Central New Hampshire nonmetropolitan area	470	5.23	1.10	\$ 61.40	\$ 127,710
South Georgia nonmetropolitan area	320	1.74	0.37	\$ 60.88	\$ 126,620
Northern Indiana nonmetropolitan area	300	1.48	0.31	\$ 60.14	\$ 125,080

[About May 2020 National, State, Metropolitan, and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

These estimates are calculated with data collected from employers in all industry sectors, all metropolitan and nonmetropolitan areas, and all states and the District of Columbia. The top employment and wage figures are provided above. The complete list is available in the [downloadable XLS files](#).

The percentile wage estimate is the value of a wage below which a certain percent of workers fall. The median wage is the 50th percentile wage estimate—50 percent of workers earn less than the median and 50 percent of workers earn more than the median. [More about percentile wages](#).

(1) Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.

(2) Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly wage published, the annual wage has been directly calculated from the reported survey data.

(3) The relative standard error (RSE) is a measure of the reliability of a survey statistic. The smaller the relative standard error, the more precise the estimate.

(5) This wage is equal to or greater than \$100.00 per hour or \$208,000 per year.

(8) Estimate not released.

(9) The location quotient is the ratio of the area concentration of occupational employment to the national average concentration. A location quotient greater than one indicates the occupation has a higher share of employment than average, and a location quotient less than one indicates the occupation is less prevalent in the area than average.

Other OEWS estimates and related information:

[May 2020 National Occupational Employment and Wage Estimates](#)

[May 2020 State Occupational Employment and Wage Estimates](#)

[May 2020 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2020 National Industry-Specific Occupational Employment and Wage Estimates](#)

[May 2020 Occupation Profiles](#)

[Technical Notes](#)

Last Modified Date: March 31, 2021

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Occupations with the most job growth

Other available formats: [\(XLSX\)](#)**Table 1.4 Occupations with the most job growth, 2020 and projected 2030 (Numbers in thousands)**

2020 National Employment Matrix title	2020 National Employment Matrix code	Employment, 2020	Employment, 2030	Employment change, 2020–30	Percent employment change, 2020–30	Median annual wage, 2021 ⁽¹⁾
Total, all occupations	00-0000	153,533.8	165,413.7	11,879.9	7.7	\$45,760
Home health and personal care aides	31-1120	3,470.7	4,600.6	1,129.9	32.6	\$29,430
Cooks, restaurant	35-2014	1,153.2	1,716.7	563.5	48.9	\$30,010
Fast food and counter workers	35-3023	3,455.5	3,973.0	517.5	15.0	\$25,100
Software developers and software quality assurance analysts and testers	15-1256	1,847.9	2,257.4	409.5	22.2	—
Waiters and waitresses	35-3031	2,023.2	2,430.7	407.6	20.1	\$26,000
Registered nurses	29-1141	3,080.1	3,356.8	276.8	9.0	\$77,600
Laborers and freight, stock, and material movers, hand	53-7062	2,821.7	3,077.5	255.8	9.1	\$31,230
General and operations managers	11-1021	2,411.9	2,638.2	226.3	9.4	\$97,970
First-line supervisors of food preparation and serving workers	35-1012	915.4	1,106.1	190.8	20.8	\$36,570
Passenger vehicle drivers, except bus drivers, transit and intercity	53-3058	707.4	887.9	180.6	25.5	\$36,080
Market research analysts and marketing specialists	13-1161	740.9	904.5	163.6	22.1	\$63,920
Bartenders	35-3011	492.3	652.3	159.9	32.5	\$26,350
Security guards	33-9032	1,059.0	1,213.2	154.2	14.6	\$31,470
Medical and health services managers	11-9111	429.8	569.4	139.6	32.5	\$101,340
Maids and housekeeping cleaners	37-2012	1,212.8	1,350.3	137.5	11.3	\$28,780
Medical assistants	31-9092	720.9	853.5	132.6	18.4	\$37,190
Janitors and cleaners, except maids and housekeeping cleaners	37-2011	2,217.0	2,344.2	127.2	5.7	\$29,760
Management analysts	13-1111	907.6	1,032.0	124.4	13.7	\$93,000
Heavy and tractor-trailer truck drivers	53-3032	1,951.6	2,073.6	122.1	6.3	\$48,310
Exercise trainers and group fitness instructors	39-9031	309.8	431.4	121.7	39.3	\$40,700
Financial managers	11-3031	681.7	799.9	118.2	17.3	\$131,710
Maintenance and repair workers, general	49-9071	1,444.1	1,561.1	117.0	8.1	\$43,180
Teaching assistants, except postsecondary	25-9045	1,306.3	1,422.3	116.0	8.9	\$29,360
Nursing assistants	31-1131	1,396.7	1,512.0	115.3	8.3	\$30,310
Nurse practitioners	29-1171	220.3	335.2	114.9	52.2	\$120,680

Footnotes:

⁽¹⁾ Data are from the Occupational Employment and Wage Statistics program, U.S. Bureau of Labor Statistics. Wage data cover non-farm wage and salary workers and do not cover the self-employed, owners and partners in unincorporated firms, or household workers.

Note: Data is unavailable for values denoted with a "—".

Source: Employment Projections program, U.S. Bureau of Labor Statistics

AR2022_401105

2020 National Employment Matrix title	2020 National Employment Matrix code	Employment, 2020	Employment, 2030	Employment change, 2020–30	Percent employment change, 2020–30	Median annual wage, 2021 ⁽¹⁾
Hairdressers, hairstylists, and cosmetologists	39-5012	569.6	680.1	110.5	19.4	\$29,670
Dining room and cafeteria attendants and bartender helpers	35-9011	389.0	492.5	103.6	26.6	\$27,170
Construction laborers	47-2061	1,285.2	1,388.3	103.2	8.0	\$37,770
Elementary school teachers, except special education	25-2021	1,371.1	1,472.9	101.7	7.4	\$61,400
Light truck drivers	53-3033	1,035.8	1,136.8	101.1	9.8	\$38,280
Footnotes: ⁽¹⁾ Data are from the Occupational Employment and Wage Statistics program, U.S. Bureau of Labor Statistics. Wage data cover non-farm wage and salary workers and do not cover the self-employed, owners and partners in unincorporated firms, or household workers. Note: Data is unavailable for values denoted with a "—". Source: Employment Projections program, U.S. Bureau of Labor Statistics						

Last Modified Date: April, 19, 2022

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For release 10:00 a.m. (ET) Wednesday, June 23, 2021

USD-21-1184

Technical information:

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STATE EMPLOYMENT AND UNEMPLOYMENT — MAY 2021

Unemployment rates were lower in May in 21 states and the District of Columbia, higher in 1 state, and stable in 28 states, the U.S. Bureau of Labor Statistics reported today. All 50 states and the District had jobless rate decreases from a year earlier. The national unemployment rate declined by 0.3 percentage point over the month to 5.8 percent and was 7.5 points lower than in May 2020.

Nonfarm payroll employment increased in 14 states, decreased in 1 state, and was essentially unchanged in 35 states and the District of Columbia in May 2021. Over the year, nonfarm payroll employment increased in all states and the District.

This news release presents statistics from two monthly programs. The civilian labor force and unemployment data are modeled based largely on a survey of households. These data pertain to individuals by where they reside. The employment data are from an establishment survey that measures nonfarm employment, hours, and earnings by industry. These data pertain to jobs on payrolls defined by where the establishments are located. For more information about the concepts and statistical methodologies used by these two programs, see the Technical Note.

Unemployment

Hawaii had the highest unemployment rate in May, 8.1 percent. The next highest rates were in New Mexico, 8.0 percent, and California, 7.9 percent. New Hampshire had the lowest jobless rate, 2.5 percent, closely followed by Nebraska and Vermont, 2.6 percent each. In total, 27 states had unemployment rates lower than the U.S. figure of 5.8 percent, 12 states and the District of Columbia had higher rates, and 11 states had rates that were not appreciably different from that of the nation. (See tables A and 1 and map 1.)

In May, Delaware and Rhode Island had the largest over-the-month unemployment rate decreases (-0.5 percentage point each), followed by Connecticut, Hawaii, New York, and South Carolina (-0.4 point each). Ohio had the only rate increase in May (+0.3 percentage point). Twenty-eight states had jobless rates that were not notably different from those of a month earlier, though some had changes that were at least as large numerically as the significant changes. (See table B.)

The largest unemployment rate decrease from May 2020 occurred in Nevada (-16.7 percentage points). The next largest decreases were in Michigan (-15.8 percentage points), Hawaii (-13.8 points), and New Hampshire (-10.9 points). The smallest over-the-year jobless rate decreases occurred in the District of Columbia (-1.7 percentage points) and New Mexico (-2.0 points). (See table C.)

Nonfarm Payroll Employment

Nonfarm payroll employment increased in 14 states, decreased in 1 state, and was essentially unchanged in 35 states and the District of Columbia in May 2021. The largest job gains occurred in California (+104,500), Florida (+39,900), and Texas (+34,400). The largest percentage increases occurred in New Mexico (+1.1 percent), Nevada (+0.8 percent), and Hawaii (+0.7 percent). Employment decreased in Wyoming (-3,800, or -1.4 percent). (See tables D and 3.)

Over the year, nonfarm payroll employment increased in all states and the District of Columbia. The largest job increases occurred in California (+1,220,200), New York (+882,500), and Texas (+804,200). The largest percentage increases occurred in Nevada (+19.2 percent), Michigan (+16.8 percent), and Rhode Island (+13.0 percent). (See table E and map 2.)

The Metropolitan Area Employment and Unemployment news release for May is scheduled to be released on Wednesday, June 30, 2021, at 10:00 a.m. (ET). The State Employment and Unemployment news release for June is scheduled to be released on Friday, July 16, 2021, at 10:00 a.m. (ET).

Coronavirus (COVID-19) Pandemic Impact on May 2021 Establishment and Household Survey Data

BLS has continued to review all estimation and methodological procedures for the establishment survey, which included the review of data, estimation processes, the application of the birth-death model, and seasonal adjustment. Business births and deaths cannot be adequately captured by the establishment survey as they occur. Therefore, the Current Employment Statistics (CES) program uses a model to account for the relatively stable net employment change generated by business births and deaths. Due to the impact of COVID-19, the relationship between business births and deaths is no longer stable. Typically, reports with zero employment are not included in estimation. For the April final and May preliminary estimates, CES included a portion of these reports in the estimates and made modifications to the birth-death model. In addition for both months, the establishment survey included a portion of the reports that returned to reporting positive employment from reporting zero employment. For more information, see www.bls.gov/web/empsit/cesbd.htm.

In the establishment survey, workers who are paid by their employer for all or any part of the pay period including the 12th of the month are counted as employed, even if they were not actually at their jobs. Workers who are temporarily or permanently absent from their jobs and are not being paid are not counted as employed, even if they are continuing to receive benefits. The length of the reference period does vary across the respondents in the establishment survey; one-third of businesses have a weekly pay period, slightly over 40 percent a bi-weekly, about 20 percent semi-monthly, and a small amount monthly.

For the May 2021 estimates of household employment and unemployment from the Local Area Unemployment Statistics (LAUS) program, BLS continued to implement level-shift outliers in the employment and/or unemployment inputs to the models, based on statistical evaluation of movements in each area's inputs. Both the Current Population Survey inputs, which serve as the primary inputs to the LAUS models, and the nonfarm payroll employment and unemployment insurance claims covariates were examined for outliers. The resulting implementation of level shifts preserved movements in the published estimates that the models otherwise would have discounted, without requiring changes to how the models create estimates at other points in the time series.

The "Frequently asked questions" document at www.bls.gov/covid19/employment-situation-covid19-faq-may-2021.htm extensively discusses the impact of a misclassification in the household survey on the national estimates for May 2021. Despite the considerable decline in its degree relative to prior months, this misclassification continued to be widespread geographically, with BLS analysis indicating that most states again were affected to at least some extent. However, according to usual practice, the data from the household survey are accepted as recorded. To maintain data integrity, no ad hoc actions are taken to reclassify survey responses. Hence, the household survey estimates of employed and unemployed people that serve as the primary inputs to the state models were affected to varying degrees by the misclassification, which in turn affected the official LAUS estimates for May 2021.

Household data for Puerto Rico are not modeled, but rather are derived from a monthly household survey similar to the Current Population Survey. Due to the effects of the pandemic and efforts to contain the virus, Puerto Rico had not been able to conduct its household survey for March or April 2020. Since data collection resumed effective May 2020, the Puerto Rico Department of Labor has

reported a misclassification in its household survey similar in nature to the misclassification in the Current Population Survey.

Table A. States with unemployment rates significantly different from that of the U.S., May 2021, seasonally adjusted

State	Rate ^P
United States ¹	5.8
Alabama	3.4
Arizona	6.7
Arkansas	4.4
California	7.9
Connecticut	7.7
District of Columbia	7.2
Florida	4.9
Georgia	4.1
Hawaii	8.1
Idaho	3.0
Illinois	7.1
Indiana	4.0
Iowa	3.9
Kansas	3.5
Kentucky	4.5
Louisiana	7.1
Maine	4.7
Michigan	5.0
Minnesota	4.0
Missouri	4.2
Montana	3.6
Nebraska	2.6
Nevada	7.8
New Hampshire	2.5
New Jersey	7.2
New Mexico	8.0
New York	7.8
North Carolina	4.8
North Dakota	4.0
Ohio	5.0
Oklahoma	4.0
Pennsylvania	6.9
South Carolina	4.6
South Dakota	2.8
Tennessee	5.0
Texas	6.5
Utah	2.7
Vermont	2.6
Virginia	4.5
Wisconsin	3.9

¹ Data are not preliminary.^P = preliminary.

Table B. States with statistically significant unemployment rate changes from April 2021 to May 2021, seasonally adjusted

State	Rate		Over-the-month change ^P
	April 2021	May 2021 ^P	
California	8.0	7.9	-0.1
Connecticut	8.1	7.7	-.4
Delaware	6.4	5.9	-.5
District of Columbia	7.5	7.2	-.3
Georgia	4.3	4.1	-.2
Hawaii	8.5	8.1	-.4
Kentucky	4.7	4.5	-.2
Massachusetts	6.4	6.1	-.3
Nebraska	2.8	2.6	-.2
New Hampshire	2.8	2.5	-.3
New Jersey	7.5	7.2	-.3
New York	8.2	7.8	-.4
North Carolina	5.0	4.8	-.2
North Dakota	4.2	4.0	-.2
Ohio	4.7	5.0	.3
Oklahoma	4.1	4.0	-.1
Pennsylvania	7.1	6.9	-.2
Rhode Island	6.3	5.8	-.5
South Carolina	5.0	4.6	-.4
Texas	6.7	6.5	-.2
Vermont	2.9	2.6	-.3
Virginia	4.7	4.5	-.2
West Virginia	5.8	5.5	-.3

^P = preliminary.

Table C. States with statistically significant unemployment rate changes from May 2020 to May 2021, seasonally adjusted

State	Rate		Over-the-year change ^P
	May 2020	May 2021 ^P	
Alabama	7.9	3.4	-4.5
Alaska	11.6	6.7	-4.9
Arizona	10.6	6.7	-3.9
Arkansas	8.5	4.4	-4.1
California	15.6	7.9	-7.7
Colorado	11.6	6.2	-5.4
Connecticut	11.4	7.7	-3.7
Delaware	13.3	5.9	-7.4
District of Columbia	8.9	7.2	-1.7
Florida	14.2	4.9	-9.3
Georgia	9.4	4.1	-5.3
Hawaii	21.9	8.1	-13.8
Idaho	8.3	3.0	-5.3
Illinois	15.4	7.1	-8.3
Indiana	12.0	4.0	-8.0
Iowa	8.3	3.9	-4.4
Kansas	9.0	3.5	-5.5
Kentucky	10.9	4.5	-6.4
Louisiana	13.1	7.1	-6.0
Maine	8.3	4.7	-3.6
Maryland	9.0	6.1	-2.9
Massachusetts	15.3	6.1	-9.2
Michigan	20.8	5.0	-15.8
Minnesota	11.3	4.0	-7.3
Mississippi	11.0	6.1	-4.9
Missouri	9.6	4.2	-5.4
Montana	9.1	3.6	-5.5
Nebraska	5.4	2.6	-2.8
Nevada	24.5	7.8	-16.7
New Hampshire	13.4	2.5	-10.9
New Jersey	16.5	7.2	-9.3
New Mexico	10.0	8.0	-2.0
New York	15.7	7.8	-7.9
North Carolina	13.5	4.8	-8.7
North Dakota	8.7	4.0	-4.7
Ohio	14.9	5.0	-9.9
Oklahoma	9.5	4.0	-5.5
Oregon	11.7	5.9	-5.8
Pennsylvania	13.5	6.9	-6.6
Rhode Island	12.9	5.8	-7.1
South Carolina	11.5	4.6	-6.9
South Dakota	7.0	2.8	-4.2
Tennessee	9.6	5.0	-4.6
Texas	11.6	6.5	-5.1
Utah	7.6	2.7	-4.9
Vermont	9.3	2.6	-6.7
Virginia	8.5	4.5	-4.0
Washington	12.5	5.3	-7.2
West Virginia	11.9	5.5	-6.4
Wisconsin	10.4	3.9	-6.5
Wyoming	8.5	5.4	-3.1

^P = preliminary.

Table D. States with statistically significant employment changes from April 2021 to May 2021, seasonally adjusted

State	April 2021	May 2021 ^P	Over-the-month change ^P	
			Level	Percent
Arizona	2,896,000	2,908,800	12,800	0.4
California	16,248,400	16,352,900	104,500	.6
Colorado	2,691,300	2,708,400	17,100	.6
Connecticut	1,581,300	1,589,100	7,800	.5
Florida	8,577,800	8,617,700	39,900	.5
Hawaii	560,600	564,600	4,000	.7
Maryland	2,633,600	2,645,100	11,500	.4
Minnesota	2,817,400	2,829,700	12,300	.4
Nevada	1,308,200	1,318,400	10,200	.8
New Jersey	3,901,800	3,915,400	13,600	.3
New Mexico	789,200	797,800	8,600	1.1
Oregon	1,843,800	1,850,700	6,900	.4
Pennsylvania	5,665,700	5,684,200	18,500	.3
Texas	12,526,500	12,560,900	34,400	.3
Wyoming	275,600	271,800	-3,800	-1.4

^P = preliminary.

Table E. States with statistically significant employment changes from May 2020 to May 2021, seasonally adjusted

State	May 2020	May 2021 ^P	Over-the-year change ^P	
			Level	Percent
Alabama	1,886,000	2,008,900	122,900	6.5
Alaska	283,300	304,600	21,300	7.5
Arizona	2,745,400	2,908,800	163,400	6.0
Arkansas	1,194,000	1,264,200	70,200	5.9
California	15,132,700	16,352,900	1,220,200	8.1
Colorado	2,519,800	2,708,400	188,600	7.5
Connecticut	1,437,500	1,589,100	151,600	10.5
Delaware	403,800	443,900	40,100	9.9
District of Columbia	718,200	740,500	22,300	3.1
Florida	8,050,900	8,617,700	566,800	7.0
Georgia	4,185,300	4,481,100	295,800	7.1
Hawaii	509,200	564,600	55,400	10.9
Idaho	718,800	782,700	63,900	8.9
Illinois	5,329,800	5,720,400	390,600	7.3
Indiana	2,785,700	3,031,700	246,000	8.8
Iowa	1,421,200	1,518,400	97,200	6.8
Kansas	1,301,700	1,370,000	68,300	5.2
Kentucky	1,692,200	1,865,400	173,200	10.2
Louisiana	1,732,800	1,829,200	96,400	5.6
Maine	557,800	610,600	52,800	9.5
Maryland	2,408,400	2,645,100	236,700	9.8
Massachusetts	3,090,400	3,448,100	357,700	11.6
Michigan	3,520,800	4,113,300	592,500	16.8
Minnesota	2,598,800	2,829,700	230,900	8.9
Mississippi	1,045,500	1,123,500	78,000	7.5
Missouri	2,623,100	2,818,000	194,900	7.4
Montana	449,200	479,900	30,700	6.8
Nebraska	945,900	1,005,500	59,600	6.3
Nevada	1,105,700	1,318,400	212,700	19.2
New Hampshire	589,800	657,100	67,300	11.4
New Jersey	3,519,200	3,915,400	396,200	11.3
New Mexico	757,700	797,800	40,100	5.3
New York	8,011,300	8,893,800	882,500	11.0
North Carolina	4,124,400	4,461,700	337,300	8.2
North Dakota	394,300	417,000	22,700	5.8
Ohio	4,893,500	5,289,200	395,700	8.1
Oklahoma	1,566,700	1,627,100	60,400	3.9
Oregon	1,704,500	1,850,700	146,200	8.6
Pennsylvania	5,155,000	5,684,200	529,200	10.3
Rhode Island	414,300	468,300	54,000	13.0
South Carolina	1,957,100	2,115,700	158,600	8.1
South Dakota	404,300	434,300	30,000	7.4
Tennessee	2,834,200	3,065,700	231,500	8.2
Texas	11,756,700	12,560,900	804,200	6.8
Utah	1,477,300	1,594,400	117,100	7.9
Vermont	266,500	293,400	26,900	10.1
Virginia	3,633,200	3,888,500	255,300	7.0
Washington	3,098,200	3,350,000	251,800	8.1
West Virginia	630,500	682,500	52,000	8.2
Wisconsin	2,641,700	2,860,300	218,600	8.3
Wyoming.....	262,100	271,800	9,700	3.7

^P = preliminary.

Technical Note

Special technical note: This technical note describes the procedures regularly used on a monthly basis to develop estimates from the CES survey and the LAUS program. Due to the COVID-19 pandemic, some of the procedures described in this technical note have been modified. The modifications are briefly described in the box note of this news release. More information on the changes to the CES business birth-death model is available at www.bls.gov/web/empsit/cesbd.htm.

This news release presents civilian labor force and unemployment data for states and selected substate areas from the Local Area Unemployment Statistics (LAUS) program (tables 1 and 2). Also presented are nonfarm payroll employment estimates by state and industry supersector from the Current Employment Statistics (CES) program (tables 3 and 4). The LAUS and CES programs are both federal-state cooperative endeavors.

Civilian labor force and unemployment—from the LAUS program

Definitions. The civilian labor force and unemployment data are based on the same concepts and definitions as those used for the official national estimates obtained from the Current Population Survey (CPS), a sample survey of households that is conducted for the Bureau of Labor Statistics (BLS) by the U.S. Census Bureau. The LAUS program measures employed people and unemployed people on a place-of-residence basis. The universe for each is the civilian noninstitutional population 16 years of age and older. Employed people are those who did any work at all for pay or profit in the reference week (typically the week including the 12th of the month) or worked 15 hours or more without pay in a family business or farm, plus those not working who had a job from which they were temporarily absent, whether or not paid, for such reasons as bad weather, labor-management dispute, illness, or vacation.

Unemployed people are those who were not employed during the reference week (based on the definition above), had actively looked for a job sometime in the 4-week period ending with the reference week, and were currently available for work; people on layoff expecting recall need not be looking for work to be counted as unemployed. The civilian labor force is the sum of employed and unemployed people. The unemployment rate is the number of unemployed as a percent of the civilian labor force.

Method of estimation. Estimates for 48 states, the District of Columbia, the Los Angeles-Long Beach-Glendale metropolitan division, New York City, and the balances of California and New York State are produced using time-series models. This method, which underwent substantial enhancement at the beginning of 2021, utilizes data from several sources, including the CPS, the CES, and state unemployment insurance (UI) programs. Estimates for the state of California are derived by summing the estimates for the Los Angeles-Long Beach-Glendale metropolitan division and the balance of California. Similarly, estimates for New York State are derived by summing the estimates for New York City and

the balance of New York State. Estimates for the five additional substate areas contained in this release (the Cleveland-Elyria and Detroit-Warren-Dearborn metropolitan areas and the Chicago-Naperville-Arlington Heights, Miami-Miami Beach-Kendall, and Seattle-Bellevue-Everett metropolitan divisions) and their respective balances of state are produced using a similar model-based approach.

Each month, estimates for the nine census divisions first are modeled using inputs from the CPS only and controlled to the national totals. State estimates then are controlled to their respective census division totals. Substate and balance-of-state estimates for the five areas noted above also are controlled to their respective state totals. This tiered process of controlling model-based estimates to the U.S. totals is called real-time benchmarking. Estimates for Puerto Rico are derived from a monthly household survey similar to the CPS. A more detailed description of the estimation procedures is available from BLS upon request.

Annual revisions. Civilian labor force and unemployment data for prior years reflect adjustments made after the end of each year. The adjusted estimates reflect updated population data from the U.S. Census Bureau, any revisions in the other data sources, and model re-estimation. In most years, historical data for the most recent five years are revised near the beginning of each calendar year, prior to the release of January estimates. With the introduction of a new generation of times-series models in 2021, historical data were re-estimated back to the series beginnings in 1976, 1990, or 1994.

Seasonal adjustment. The LAUS models decompose the estimates of employed and unemployed people into trend, seasonal, and irregular components. The benchmarked signals of employed and unemployed people first are adjusted using an X-11 type of seasonal adjustment filter. The adjusted data then are smoothed using a Reproducing Kernel Hilbert Space (RKHS) filter. The smoothed-seasonally adjusted estimates of employed and unemployed people are summed to derive the civilian labor force, and the unemployment rate then is calculated as the unemployed percent of the civilian labor force. The resulting smoothed-seasonally adjusted unemployment rate estimates are analyzed in this news release and published on the BLS website.

During estimation for the current year, the smoothed-seasonally adjusted estimates for a given month are created using an asymmetric filter that incorporates information from previous observations only. For annual revisions, historical data are smoothed using a two-sided filter.

Area definitions. The substate area data published in this release reflect the delineations that were issued by the U.S. Office of Management and Budget on April 10, 2018. A detailed list of the geographic definitions is available online at www.bls.gov/lau/lausmsa.htm.

Employment—from the CES program

Definitions. Employment data refer to persons on establishment payrolls who receive pay for any part of the pay

period that includes the 12th of the month. Persons are counted at their place of work rather than at their place of residence; those appearing on more than one payroll are counted on each payroll. Industries are classified on the basis of their principal activity in accordance with the 2017 version of the North American Industry Classification System.

Method of estimation. CES State and Area employment data are produced using several estimation procedures. Where possible these data are produced using a "weighted link relative" estimation technique in which a ratio of current-month weighted employment to that of the previous-month weighted employment is computed from a sample of establishments reporting for both months. The estimates of employment for the current month are then obtained by multiplying these ratios by the previous month's employment estimates. The weighted link relative technique is utilized for data series where the sample size meets certain statistical criteria.

For some employment series, the sample of establishments is very small or highly variable. In these cases, a model-based approach is used in estimation. These models use the direct sample estimates (described above), combined with forecasts of historical (benchmarked) data to decrease volatility in estimation. Two different models (Fay-Herriot Model and Small Domain Model) are used depending on the industry level being estimated. For more detailed information about each model, refer to the BLS Handbook of Methods.

Annual revisions. Employment estimates are adjusted annually to a complete count of jobs, called benchmarks, derived principally from tax reports that are submitted by employers who are covered under state unemployment insurance (UI) laws. The benchmark information is used to adjust the monthly estimates between the new benchmark and the preceding one and also to establish the level of employment for the new benchmark month. Thus, the benchmarking process establishes the level of employment, and the sample is used to measure the month-to-month changes in the level for the subsequent months. Information on recent benchmark revisions is available online at www.bls.gov/web/laus/benchmark.pdf.

Seasonal adjustment. Payroll employment data are seasonally adjusted at the statewide expanded supersector level. In some cases, the seasonally adjusted payroll employment total is computed by aggregating the independently adjusted supersector series. In other cases, the seasonally adjusted payroll employment total is independently adjusted. Revisions to historical data for the most recent five years are made once a year, coincident with annual benchmark adjustments.

Payroll employment data are seasonally adjusted concurrently, using all available estimates, including those for the current month, to develop sample-based seasonal factors. Concurrent sample-based factors are created every month for the current month's preliminary estimate as well as the previous month's final estimate.

Caution on aggregating state data. State estimation procedures are designed to produce accurate data for each individual state. BLS independently develops a national

employment series; state estimates are not forced to sum to national totals. Each state series is subject to larger relative sampling and nonsampling errors than the national series. Summing state estimates cumulates individual state-level errors and can cause significant distortions at an aggregate level. Due to these statistical limitations, BLS does not compile a "sum-of-states" employment series, and cautions users that such a series is subject to a relatively large and volatile error structure.

Reliability of the estimates

The estimates presented in this release are based on sample surveys, administrative data, and modeling and, thus, are subject to sampling and other types of errors. Sampling error is a measure of sampling variability—that is, variation that occurs by chance because a sample rather than the entire population is surveyed. Survey data also are subject to nonsampling errors, such as those which can be introduced into the data collection and processing operations. Estimates not directly derived from sample surveys are subject to additional errors resulting from the specific estimation processes used.

Use of error measures. Changes in state unemployment rates and state nonfarm payroll employment are cited in the analysis of this release only if they have been determined to be statistically significant at the 90-percent confidence level. Furthermore, state unemployment rates for the current month generally are cited only if they have been determined to be significantly different from the U.S. rate at the 90-percent confidence level. The underlying model-based standard error measures for unemployment rates and over-the-month and over-the-year changes in rates are available at www.bls.gov/lau/lastderr.htm. The underlying standard error measures for 1-month, 3-month, and 12-month changes in payroll employment data at the total nonfarm and supersector levels for states, and total nonfarm level for metropolitan areas and divisions, are available at www.bls.gov/web/laus/790stderr.htm. Measures of nonsampling error are not available.

Additional information

Estimates of civilian labor force and unemployment from the LAUS program, as well as nonfarm payroll employment from the CES program, for metropolitan areas and metropolitan divisions are available in the news release Metropolitan Area Employment and Unemployment. Estimates of civilian labor force, employed people, unemployed people, and unemployment rates for approximately 7,500 subnational areas are available online at www.bls.gov/lau/. Employment data from the CES program for states and metropolitan areas are available online at www.bls.gov/sae/. Information in this release will be made available to sensory impaired individuals upon request. Voice phone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

**LABOR FORCE DATA
SEASONALLY ADJUSTED**
Table 1. Civilian labor force and unemployment by state and selected area, seasonally adjusted

State and area	Civilian labor force				Unemployed							
	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p	Number				Percent of labor force			
					May 2020	Mar. 2021	Apr. 2021	May 2021 ^p	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p
Alabama.....	2,218,789	2,235,958	2,231,960	2,225,648	174,680	84,716	79,319	75,458	7.9	3.8	3.6	3.4
Alaska.....	345,359	348,796	350,821	350,818	40,112	23,355	23,356	23,378	11.6	6.7	6.7	6.7
Arizona.....	3,619,124	3,587,157	3,598,776	3,612,045	382,642	240,210	239,986	242,763	10.6	6.7	6.7	6.7
Arkansas.....	1,352,008	1,360,097	1,362,498	1,357,765	114,735	60,184	59,840	59,078	8.5	4.4	4.4	4.4
California.....	18,392,528	18,920,603	18,895,158	18,907,620	2,863,209	1,579,280	1,516,672	1,489,611	15.6	8.3	8.0	7.9
Los Angeles-Long Beach-Glendale ¹	4,674,063	5,106,514	5,103,877	5,131,412	877,724	580,583	568,935	572,026	18.8	11.4	11.1	11.1
Colorado.....	3,105,848	3,188,386	3,196,815	3,198,103	360,975	205,220	203,982	198,071	11.6	6.4	6.4	6.2
Connecticut.....	1,886,540	1,729,562	1,741,642	1,751,300	215,410	143,026	140,423	134,928	11.4	8.3	8.1	7.7
Delaware.....	475,201	489,354	489,410	486,924	62,974	31,623	31,102	28,622	13.3	6.5	6.4	5.9
District of Columbia.....	397,922	406,901	406,223	405,288	35,508	31,516	30,556	29,203	8.9	7.7	7.5	7.2
Florida.....	9,949,585	10,170,003	10,241,583	10,314,059	1,416,421	474,423	487,752	502,684	14.2	4.7	4.8	4.9
Miami-Miami Beach-Kendall ¹	1,193,845	1,296,562	1,296,333	1,306,272	122,022	105,336	99,638	97,024	10.2	8.1	7.7	7.4
Georgia.....	5,030,665	5,161,071	5,172,979	5,160,501	472,629	232,026	221,903	211,717	9.4	4.5	4.3	4.1
Hawaii.....	638,894	649,963	649,595	647,452	140,209	59,081	55,180	52,149	21.9	9.1	8.5	8.1
Idaho.....	882,245	899,355	900,381	901,494	73,250	28,790	28,216	27,351	8.3	3.2	3.1	3.0
Illinois.....	6,158,659	6,129,324	6,146,496	6,158,294	946,880	436,076	438,442	436,789	15.4	7.1	7.1	7.1
Chicago-Naperville-Arlington Heights ¹	3,606,097	3,577,537	3,592,884	3,610,552	578,441	293,417	290,436	292,392	16.0	8.2	8.1	8.1
Indiana.....	3,264,747	3,336,773	3,337,128	3,343,498	390,448	130,146	131,301	134,593	12.0	3.9	3.9	4.0
Iowa.....	1,660,842	1,637,966	1,641,196	1,647,496	137,780	60,818	62,161	63,492	8.3	3.7	3.8	3.9
Kansas.....	1,488,938	1,510,302	1,508,524	1,509,664	134,272	56,316	52,753	52,686	9.0	3.7	3.5	3.5
Kentucky.....	2,073,314	1,990,742	1,990,096	1,988,165	226,560	99,621	94,027	88,896	10.9	5.0	4.7	4.5
Louisiana.....	2,039,684	2,074,302	2,068,859	2,069,361	267,938	152,530	149,336	146,333	13.1	7.4	7.2	7.1
Maine.....	681,019	673,127	673,890	674,036	56,255	32,591	32,510	31,414	8.3	4.8	4.8	4.7
Maryland.....	3,135,302	3,110,072	3,118,160	3,122,554	280,828	193,346	194,544	190,323	9.0	6.2	6.2	6.1
Massachusetts.....	3,609,060	3,744,412	3,745,672	3,747,609	552,627	252,157	240,836	229,030	15.3	6.7	6.4	6.1
Michigan.....	4,695,183	4,703,325	4,701,286	4,710,491	976,829	238,881	231,547	234,874	20.8	5.1	4.9	5.0
Detroit-Warren-Dearborn ²	1,944,864	2,014,655	2,015,654	2,024,612	473,508	91,108	86,737	89,590	24.3	4.5	4.3	4.4
Minnesota.....	3,087,954	3,022,453	3,022,872	3,029,493	348,262	126,006	123,158	120,869	11.3	4.2	4.1	4.0
Mississippi.....	1,227,107	1,280,842	1,281,003	1,280,331	135,173	79,988	79,526	78,491	11.0	6.2	6.2	6.1
Missouri.....	2,891,970	3,062,200	3,071,157	3,075,597	278,905	128,061	126,946	128,770	9.6	4.2	4.1	4.2
Montana.....	528,223	531,503	533,040	534,948	48,093	19,965	19,672	19,359	9.1	3.8	3.7	3.6
Nebraska.....	1,031,661	1,019,886	1,018,586	1,019,000	55,744	29,945	28,237	26,761	5.4	2.9	2.8	2.6
Nevada.....	1,435,029	1,552,395	1,559,925	1,564,428	351,694	125,900	125,086	122,529	24.5	8.1	8.0	7.8
New Hampshire.....	766,838	759,327	757,260	753,792	102,630	22,866	21,375	18,613	13.4	3.0	2.8	2.5
New Jersey.....	4,479,720	4,419,712	4,421,267	4,415,087	738,165	336,146	332,102	319,794	16.5	7.6	7.5	7.2
New Mexico.....	909,383	956,628	954,446	953,346	90,681	78,992	77,403	76,407	10.0	8.3	8.1	8.0
New York.....	8,950,469	9,523,660	9,502,491	9,430,549	1,407,597	804,285	774,931	736,420	15.7	8.4	8.2	7.8
New York City.....	3,657,013	4,115,279	4,115,809	4,062,855	733,116	479,438	467,517	440,867	20.0	11.7	11.4	10.9
North Carolina.....	4,799,209	5,016,451	5,013,115	4,996,874	647,514	258,974	251,214	239,523	13.5	5.2	5.0	4.8
North Dakota.....	412,262	403,880	403,550	403,365	35,724	17,646	16,849	15,964	8.7	4.4	4.2	4.0
Ohio.....	5,831,829	5,750,618	5,766,961	5,548,717	866,602	271,280	272,892	277,777	14.9	4.7	4.7	5.0
Cleveland-Elyria ²	1,019,420	997,182	1,000,316	1,002,561	175,473	49,361	47,510	47,642	17.2	5.0	4.7	4.8
Oklahoma.....	1,831,486	1,865,563	1,864,383	1,865,369	174,118	79,467	77,101	73,855	9.5	4.3	4.1	4.0
Oregon.....	2,121,025	2,156,656	2,160,917	2,167,197	247,642	129,914	128,212	126,932	11.7	6.0	5.9	5.9
Pennsylvania.....	6,412,123	6,335,821	6,321,342	6,314,909	862,639	461,514	449,884	433,526	13.5	7.3	7.1	6.9
Rhode Island.....	520,943	541,513	539,634	538,179	67,251	38,163	33,849	31,187	12.9	7.0	6.3	5.8
South Carolina.....	2,365,735	2,388,097	2,381,361	2,388,088	273,164	120,655	118,395	110,339	11.5	5.1	5.0	4.6
South Dakota.....	458,811	469,038	469,423	470,086	32,232	13,471	13,087	12,949	7.0	2.9	2.8	2.8
Tennessee.....	3,150,509	3,316,335	3,325,342	3,334,094	302,359	168,455	167,022	166,164	9.6	5.1	5.0	5.0
Texas.....	13,567,930	14,032,262	14,034,972	14,053,405	1,575,199	967,379	947,218	920,389	11.6	6.9	6.7	6.5
Utah.....	1,583,682	1,632,021	1,636,468	1,641,403	119,690	46,513	45,209	44,352	7.6	2.9	2.8	2.7
Vermont.....	332,962	313,062	312,790	313,168	31,039	9,160	8,951	8,033	9.3	2.9	2.9	2.6
Virginia.....	4,274,171	4,238,036	4,225,810	4,229,852	361,889	214,435	197,328	189,267	8.5	5.1	4.7	4.5
Washington.....	3,904,883	3,850,738	3,861,172	3,875,575	487,296	210,801	209,404	205,247	12.5	5.5	5.4	5.3
Seattle-Bellevue-Everett ¹	1,712,265	1,747,518	1,750,191	1,748,401	211,658	93,960	93,521	89,985	12.4	5.4	5.3	5.1
West Virginia.....	780,907	795,672	795,963	794,543	92,761	47,282	45,891	43,636	11.9	5.9	5.8	5.5
Wisconsin.....	3,052,908	3,066,278	3,075,683	3,084,945	316,637	117,330	119,701	119,658	10.4	3.8	3.9	3.9
Wyoming.....	300,611	295,613	296,150	296,321	25,515	15,725	15,967	16,042	8.5	5.3	5.4	5.4
Puerto Rico.....	1,058,509	1,051,542	1,057,626	1,064,488	90,279	92,430	88,360	86,946	8.5	8.8	8.4	8.2

¹ Metropolitan division.

² Metropolitan statistical area.

^p Preliminary

NOTE: Data refer to place of residence. Data for Puerto Rico are derived from a monthly household survey similar to the Current Population Survey. Area definitions are based on Office of Management and Budget Bulletin No. 18-03, dated April 10, 2018, and are available on the BLS website at <https://www.bls.gov/lau/lausmsa.htm>. Estimates for the latest month are subject to revision the following month.

**LABOR FORCE DATA
NOT SEASONALLY ADJUSTED**

Table 2. Civilian labor force and unemployment by state and selected area, not seasonally adjusted

State and area	Civilian labor force				Unemployed							
	April		May		Number				Percent of labor force			
	2020	2021	2020	2021 ^P	April		May		April		May	
					2020	2021	2020	2021 ^P	2020	2021	2020	2021 ^P
Alabama.....	2,175,494	2,222,794	2,211,140	2,208,901	276,037	65,092	168,304	63,643	12.7	2.9	7.6	2.9
Alaska.....	341,223	348,398	345,972	351,548	42,175	24,425	41,361	23,557	12.4	7.0	12.0	6.7
Arizona.....	3,523,144	3,609,550	3,613,337	3,626,864	499,744	232,992	387,259	242,461	14.2	6.5	10.7	6.7
Arkansas.....	1,367,099	1,367,128	1,359,019	1,366,507	132,291	58,531	118,575	60,425	9.7	4.3	8.7	4.4
California.....	18,451,970	18,813,978	18,348,132	18,949,731	2,944,524	1,521,536	2,834,868	1,426,083	16.0	8.1	15.5	7.5
Los Angeles-Long Beach-Glendale ¹	4,759,257	5,121,321	4,665,805	5,120,326	866,928	572,908	878,281	519,476	18.2	11.2	18.8	10.1
Colorado.....	2,959,510	3,182,413	3,084,205	3,177,068	360,423	199,970	360,601	182,559	12.2	6.3	11.7	5.7
Connecticut.....	1,805,067	1,739,813	1,882,909	1,741,469	151,084	131,354	219,130	104,216	8.4	7.5	11.6	6.0
Delaware.....	473,726	489,892	476,031	483,191	63,108	29,925	64,570	24,845	13.3	6.1	13.6	5.1
District of Columbia.....	405,479	401,023	396,512	402,951	42,947	26,517	35,665	25,562	10.6	6.6	9.0	6.3
Florida.....	9,717,870	10,364,012	9,972,760	10,458,871	1,348,861	535,519	1,428,081	523,442	13.9	5.2	14.3	5.0
Miami-Miami Beach-Kendall ¹	1,200,734	1,310,760	1,190,613	1,323,340	123,408	90,874	122,125	88,740	10.3	6.9	10.3	6.7
Georgia.....	4,950,530	5,172,654	5,024,074	5,146,949	602,733	200,416	475,469	199,083	12.2	3.9	9.5	3.9
Hawaii.....	636,024	652,263	635,899	645,113	139,050	52,049	139,572	48,377	21.9	8.0	21.9	7.5
Idaho.....	868,898	900,639	883,908	905,050	100,962	30,501	75,012	26,516	11.6	3.4	8.5	2.9
Illinois.....	5,964,800	6,157,687	6,130,554	6,172,284	970,481	436,317	936,083	412,826	16.3	7.1	15.3	6.7
Chicago-Naperville-Arlington Heights ¹	3,469,702	3,611,785	3,572,949	3,628,368	569,547	285,272	565,966	284,928	16.4	7.9	15.8	7.9
Indiana.....	3,198,078	3,328,155	3,267,075	3,364,236	528,808	140,724	388,902	150,077	16.5	4.2	11.9	4.5
Iowa.....	1,704,471	1,654,353	1,655,737	1,657,304	188,141	66,189	137,551	66,626	11.0	4.0	8.3	4.0
Kansas.....	1,476,015	1,498,651	1,484,126	1,503,306	184,383	50,588	137,808	55,364	12.5	3.4	9.3	3.7
Kentucky.....	2,078,415	1,983,308	2,078,339	1,981,545	347,938	76,562	231,384	76,479	16.7	3.9	11.1	3.9
Louisiana.....	2,033,649	2,061,021	2,041,909	2,070,465	259,225	137,274	275,240	138,453	12.7	6.7	13.5	6.7
Maine.....	648,822	670,279	677,547	672,232	63,329	35,264	58,628	31,714	9.8	5.3	8.7	4.7
Maryland.....	3,104,331	3,113,254	3,130,185	3,122,889	273,123	183,551	290,402	182,141	8.8	5.9	9.3	5.8
Massachusetts.....	3,382,826	3,702,672	3,585,611	3,733,956	550,084	219,829	552,517	227,424	16.3	5.9	15.4	6.1
Michigan.....	4,530,016	4,647,038	4,711,928	4,723,959	1,070,661	213,922	994,641	246,399	23.6	4.6	21.1	5.2
Detroit-Warren-Dearborn ²	1,913,920	1,992,674	1,943,895	2,027,452	470,539	73,829	481,970	92,723	24.6	3.7	24.8	4.6
Minnesota.....	2,999,206	3,016,125	3,085,306	3,040,263	273,494	125,714	343,985	111,722	9.1	4.2	11.1	3.7
Mississippi.....	1,213,416	1,274,354	1,232,242	1,277,983	186,761	75,367	141,301	77,566	15.4	5.9	11.5	6.1
Missouri.....	2,971,380	3,077,698	2,899,861	3,100,576	365,793	125,042	282,688	144,934	12.3	4.1	9.7	4.7
Montana.....	538,926	535,765	528,665	541,147	64,616	20,829	46,920	17,296	12.0	3.9	8.9	3.2
Nebraska.....	1,048,382	1,013,887	1,033,445	1,023,092	77,217	23,235	56,164	23,586	7.4	2.3	5.4	2.3
Nevada.....	1,491,235	1,553,171	1,434,996	1,562,551	442,479	122,685	353,210	119,827	29.7	7.9	24.6	7.7
New Hampshire.....	728,134	742,918	759,191	734,656	117,573	19,832	102,490	10,017	16.1	2.7	13.5	1.4
New Jersey.....	4,439,001	4,391,801	4,467,266	4,390,151	729,319	310,460	742,793	301,236	16.4	7.1	16.6	6.9
New Mexico.....	904,428	949,169	905,575	946,564	88,126	72,165	90,120	69,997	9.7	7.6	10.0	7.4
New York.....	8,801,907	9,385,870	8,919,480	9,269,604	1,429,063	724,778	1,401,883	640,203	16.2	7.7	15.7	6.9
New York City.....	3,682,054	4,086,261	3,640,749	3,985,451	571,397	439,660	735,766	390,831	15.5	10.8	20.2	9.8
North Carolina.....	4,660,070	4,974,688	4,812,007	4,959,097	613,315	218,069	659,606	222,136	13.2	4.4	13.7	4.5
North Dakota.....	406,306	401,220	413,655	405,462	36,163	16,351	34,839	14,191	8.9	4.1	8.4	3.5
Ohio.....	5,521,458	5,760,125	5,805,415	5,522,832	921,291	274,461	846,651	277,034	16.7	4.8	14.6	5.0
Cleveland-Elyria ²	992,562	1,005,809	1,015,990	999,777	215,932	46,194	175,325	50,970	21.8	4.6	17.3	5.1
Oklahoma.....	1,805,213	1,841,830	1,833,616	1,869,907	230,094	66,435	180,775	68,577	12.7	3.6	9.9	3.7
Oregon.....	2,035,126	2,155,161	2,111,005	2,165,460	267,428	126,731	245,554	118,452	13.1	5.9	11.6	5.5
Pennsylvania.....	6,247,158	6,233,518	6,414,340	6,248,218	995,987	392,554	881,094	360,636	15.9	6.3	13.7	5.8
Rhode Island.....	537,571	533,353	518,972	532,629	94,316	26,944	70,540	25,739	17.5	5.1	13.6	4.8
South Carolina.....	2,339,790	2,371,533	2,370,836	2,382,434	258,154	103,615	270,209	86,426	11.0	4.4	11.4	3.6
South Dakota.....	466,394	468,642	459,424	471,821	44,088	14,000	32,727	13,454	9.5	3.0	7.1	2.9
Tennessee.....	3,161,316	3,327,729	3,149,838	3,336,728	492,948	155,488	307,225	151,892	15.6	4.7	9.8	4.6
Texas.....	13,326,311	14,060,909	13,549,965	14,061,243	1,698,726	897,924	1,592,840	829,251	12.7	6.4	11.8	5.9
Utah.....	1,611,373	1,642,115	1,579,138	1,666,112	163,709	46,280	120,686	44,905	10.2	2.8	7.6	2.7
Vermont.....	348,360	312,581	330,491	312,428	52,241	9,437	31,187	4,499	15.0	3.0	9.4	1.4
Virginia.....	4,369,898	4,216,376	4,263,233	4,238,174	481,130	166,057	367,260	173,758	11.0	3.9	8.6	4.1
Washington.....	3,964,302	3,898,749	3,899,857	3,908,226	646,752	220,275	496,674	206,412	16.3	5.6	12.7	5.3
Seattle-Bellevue-Everett ¹	1,700,133	1,750,798	1,709,000	1,739,233	274,790	89,145	214,689	86,529	16.2	5.1	12.6	5.0
West Virginia.....	763,219	792,533	786,764	790,096	118,890	45,323	96,576	39,141	15.6	5.7	12.3	5.0
Wisconsin.....	3,033,527	3,072,925	3,045,283	3,088,352	452,666	133,910	326,531	121,450	14.9	4.4	10.7	3.9
Wyoming.....	288,142	293,740	298,976	294,589	16,751	16,723	26,021	15,933	5.8	5.7	8.7	5.4
Puerto Rico.....	—	1,080,300	1,035,192	1,087,123	—	75,484	99,121	87,629	—	7.0	9.6	8.1

¹ Metropolitan division.

² Metropolitan statistical area.

^p Preliminary

—Data not available

NOTE: Data refer to place of residence. Data for Puerto Rico are derived from a monthly household survey similar to the Current Population Survey. Area definitions are based on Office of Management and Budget Bulletin No. 18-03, dated April 10, 2018, and are available on the BLS website at <https://www.bls.gov/lau/lausmsa.htm>. Estimates for the latest month are subject to revision the following month.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**
Table 3. Employees on nonfarm payrolls by state and selected industry sector, seasonally adjusted
 [In thousands]

State	Total ¹				Construction				Manufacturing			
	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p
Alabama.....	1,886.0	2,023.5	2,007.8	2,008.9	90.6	93.7	91.1	88.8	242.7	267.4	265.5	266.5
Alaska.....	283.3	305.8	305.9	304.6	14.9	16.5	16.5	16.4	12.5	13.2	13.5	13.2
Arizona.....	2,745.4	2,889.5	2,896.0	2,908.8	171.7	173.0	173.4	174.0	174.8	178.7	179.0	179.3
Arkansas.....	1,194.0	1,262.9	1,260.8	1,264.2	52.6	54.4	54.4	53.9	151.7	161.2	159.5	162.0
California.....	15,132.7	16,146.4	16,248.4	16,352.9	827.3	886.3	884.1	882.5	1,227.2	1,250.7	1,253.7	1,256.1
Colorado.....	2,519.8	2,673.9	2,691.3	2,708.4	175.7	172.1	171.6	171.5	143.2	146.0	146.3	146.3
Connecticut.....	1,437.5	1,580.1	1,581.3	1,589.1	53.3	57.0	58.2	57.6	150.6	152.2	151.6	152.3
Delaware ²	403.8	444.1	445.3	443.9	21.4	23.6	23.7	23.0	24.7	24.8	24.4	24.3
District of Columbia ²	718.2	732.0	737.6	740.5	14.1	15.5	15.6	15.5	0.9	1.0	1.0	1.0
Florida.....	8,050.9	8,552.0	8,577.8	8,617.7	557.8	568.0	570.6	574.3	369.4	380.4	381.2	380.5
Georgia.....	4,185.3	4,482.9	4,474.1	4,481.1	197.7	206.6	204.6	201.9	371.2	391.0	389.8	390.7
Hawaii ²	509.2	552.1	560.6	564.6	36.7	36.5	37.1	36.9	11.2	11.4	11.3	11.4
Idaho.....	718.8	784.3	784.6	782.7	55.3	59.3	59.1	58.4	66.6	69.0	68.6	68.6
Illinois.....	5,329.8	5,726.7	5,728.3	5,720.4	207.4	222.8	226.9	221.3	537.1	548.3	540.3	542.3
Indiana.....	2,785.7	3,029.9	3,027.9	3,031.7	137.0	148.4	147.8	148.2	461.7	526.2	527.0	523.4
Iowa.....	1,421.2	1,523.2	1,517.6	1,518.4	76.1	79.5	76.4	75.6	211.9	219.8	219.5	220.3
Kansas.....	1,301.7	1,373.8	1,371.5	1,370.0	62.6	65.7	64.7	63.8	152.5	158.3	158.2	158.0
Kentucky.....	1,692.2	1,861.1	1,860.3	1,865.4	74.9	78.2	80.2	79.3	208.9	243.5	242.2	243.8
Louisiana.....	1,732.8	1,835.3	1,833.9	1,829.2	113.8	117.2	117.1	116.3	130.0	126.8	127.0	125.4
Maine.....	557.8	612.4	611.2	610.6	29.2	30.6	31.0	29.9	49.2	53.1	53.1	52.5
Maryland.....	2,408.4	2,627.8	2,633.6	2,645.1	156.0	162.4	161.1	161.1	105.3	108.3	109.3	109.0
Massachusetts.....	3,090.4	3,428.7	3,438.9	3,448.1	129.4	163.8	162.7	161.8	219.3	230.6	231.0	232.3
Michigan.....	3,520.8	4,133.6	4,115.5	4,113.3	146.5	174.3	175.3	176.9	441.8	573.6	565.7	570.3
Minnesota.....	2,598.8	2,804.0	2,817.4	2,829.7	124.6	125.5	126.8	128.0	301.1	309.2	309.4	310.2
Mississippi.....	1,045.5	1,123.0	1,122.0	1,123.5	42.3	44.8	44.2	44.4	130.7	141.5	140.5	141.5
Missouri.....	2,623.1	2,814.4	2,812.0	2,818.0	123.6	128.4	127.6	127.5	254.0	268.7	266.7	268.3
Montana.....	449.2	480.9	480.6	479.9	30.0	31.3	30.8	30.2	20.0	21.3	21.2	21.2
Nebraska.....	945.9	1,007.2	1,006.8	1,005.5	54.8	57.2	56.6	55.1	94.2	100.1	100.3	100.5
Nevada.....	1,105.7	1,300.2	1,308.2	1,318.4	92.2	91.1	91.4	91.2	53.3	58.5	60.0	60.4
New Hampshire.....	589.8	657.7	657.3	657.1	26.8	28.0	28.8	28.3	65.2	67.7	67.1	67.1
New Jersey.....	3,519.2	3,896.9	3,901.8	3,915.4	140.0	147.5	149.1	146.9	226.5	242.4	241.8	242.6
New Mexico.....	757.7	791.9	789.2	797.8	47.7	48.7	47.8	47.3	25.7	26.7	27.0	27.1
New York.....	8,011.3	8,853.0	8,879.9	8,893.8	298.2	375.1	368.9	363.0	369.7	402.6	406.5	406.6
North Carolina.....	4,124.4	4,465.6	4,460.3	4,461.7	225.6	235.0	236.3	234.7	432.7	460.8	462.6	462.7
North Dakota.....	394.3	415.2	417.0	417.0	25.7	27.7	27.6	27.1	24.8	25.3	25.5	25.9
Ohio.....	4,893.5	5,312.0	5,304.0	5,289.2	208.2	225.7	225.6	224.4	602.9	659.0	658.6	656.0
Oklahoma.....	1,566.7	1,626.7	1,625.8	1,627.1	79.8	79.0	78.4	79.4	128.6	129.6	129.7	129.2
Oregon.....	1,704.5	1,840.1	1,843.8	1,850.7	103.7	108.9	108.5	109.4	180.2	183.9	182.7	183.1
Pennsylvania.....	5,155.0	5,670.9	5,665.7	5,684.2	222.7	252.7	253.4	250.1	513.4	543.3	541.2	539.6
Rhode Island.....	414.3	467.2	467.9	468.3	17.5	20.5	21.2	20.8	35.3	38.4	38.7	39.2
South Carolina.....	1,957.1	2,117.5	2,111.6	2,115.7	101.9	107.9	108.7	107.7	229.2	247.5	245.4	246.3
South Dakota.....	404.3	435.3	436.2	434.3	24.3	24.9	25.2	25.1	42.6	43.5	43.8	44.0
Tennessee.....	2,834.2	3,051.5	3,060.7	3,065.7	128.0	128.9	128.2	128.1	299.7	346.5	345.9	346.9
Texas.....	11,756.7	12,511.5	12,526.5	12,560.9	727.7	749.5	734.7	731.6	856.8	869.9	867.8	871.0
Utah.....	1,477.3	1,584.6	1,592.4	1,594.4	115.5	120.1	119.2	119.2	131.8	141.5	142.2	142.4
Vermont.....	266.5	289.3	291.6	293.4	13.3	15.1	15.2	14.6	26.9	28.7	28.9	29.1
Virginia.....	3,633.2	3,887.3	3,892.0	3,888.5	197.7	206.0	204.7	203.1	222.6	236.4	237.4	236.8
Washington.....	3,098.2	3,328.5	3,341.7	3,350.0	201.9	226.2	226.8	224.2	267.8	262.0	261.2	260.3
West Virginia.....	630.5	682.1	684.9	682.5	27.9	30.7	30.4	30.1	42.9	44.6	45.2	45.0
Wisconsin.....	2,641.7	2,848.0	2,856.7	2,860.3	121.5	122.2	125.7	123.5	444.8	470.0	470.2	473.7
Wyoming.....	262.1	274.3	275.6	271.8	21.0	19.7	19.6	19.4	9.5	9.6	9.8	9.5
Puerto Rico.....	772.4	851.6	851.6	849.9	22.6	29.8	29.7	28.8	70.8	77.7	78.1	77.9
Virgin Islands ³	34.9	34.5	34.7	34.9	3.9	2.9	2.9	2.9	-	-	-	-

¹ Includes mining and logging, information, and other services (except public administration), not shown separately.

² Mining and logging is combined with construction.

³ Missing series (denoted by '-') are not published seasonally adjusted because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

^p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2020 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**
Table 3. Employees on nonfarm payrolls by state and selected industry sector, seasonally adjusted-Continued
 [In thousands]

State	Trade, transportation, and utilities				Financial activities				Professional and business services			
	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p
Alabama.....	362.3	380.4	379.3	379.9	95.9	97.2	95.7	95.5	224.7	252.6	246.5	247.9
Alaska.....	54.5	60.2	59.9	58.4	10.7	10.6	10.6	10.9	25.1	25.8	25.7	25.7
Arizona.....	522.0	572.1	569.3	571.2	230.2	231.1	232.6	233.2	425.8	432.5	434.8	437.9
Arkansas.....	239.4	251.4	250.4	250.5	63.4	65.0	64.3	64.5	131.5	143.8	143.9	144.2
California.....	2,661.8	2,982.5	2,982.6	2,983.7	801.8	809.5	810.7	811.9	2,506.1	2,643.9	2,662.4	2,669.7
Colorado.....	445.4	486.8	486.0	489.3	169.7	173.5	173.7	172.8	423.2	439.5	439.8	442.4
Connecticut.....	246.9	288.8	286.3	286.2	119.0	119.0	118.5	118.1	198.4	202.7	206.3	208.5
Delaware.....	69.5	81.0	80.8	80.9	47.1	46.9	47.1	46.9	61.0	61.2	61.6	60.7
District of Columbia.....	26.5	29.2	29.1	28.9	29.0	27.9	28.3	28.1	164.1	165.3	166.9	166.1
Florida.....	1,653.1	1,761.7	1,756.0	1,767.7	580.6	600.1	601.9	604.3	1,302.0	1,382.4	1,389.2	1,396.6
Georgia.....	881.2	950.2	943.5	942.2	247.6	250.8	250.4	249.5	662.8	715.6	716.4	720.0
Hawaii.....	94.5	102.3	103.0	102.4	26.8	27.0	27.4	27.3	64.0	68.4	68.9	70.0
Idaho.....	140.3	154.7	154.4	153.9	36.6	40.7	40.8	40.8	97.1	99.7	99.1	98.7
Illinois.....	1,080.9	1,182.0	1,178.9	1,177.9	402.3	401.9	401.9	400.6	856.3	915.1	908.5	908.8
Indiana.....	564.3	598.3	597.5	596.8	138.2	140.9	140.8	140.8	303.9	328.2	327.8	327.3
Iowa.....	288.0	306.8	303.8	302.4	108.3	110.7	110.2	109.3	130.4	136.0	134.6	135.9
Kansas.....	249.4	268.4	267.6	267.1	76.5	75.4	75.4	75.1	163.7	173.2	173.0	172.5
Kentucky.....	375.7	404.4	403.2	405.2	90.5	95.8	94.6	94.8	191.0	213.2	212.0	212.5
Louisiana.....	342.8	364.4	362.7	361.7	88.9	88.3	88.7	89.0	194.1	205.4	205.9	206.5
Maine.....	104.2	115.5	115.9	116.7	32.2	32.4	32.4	32.2	65.8	69.8	70.2	69.9
Maryland.....	409.0	460.3	459.0	460.9	135.2	135.6	135.3	135.1	429.3	459.4	460.7	461.5
Massachusetts.....	468.3	554.4	554.3	554.1	214.4	219.3	219.4	219.7	565.7	596.5	601.6	603.2
Michigan.....	668.1	778.9	773.6	767.7	215.8	225.3	226.7	226.2	522.6	619.6	620.1	617.8
Minnesota.....	472.1	508.7	511.9	509.6	191.9	193.3	192.3	192.5	345.8	360.5	364.8	368.3
Mississippi.....	220.4	233.1	232.2	233.3	42.9	42.4	42.4	42.3	99.5	110.7	110.0	111.3
Missouri.....	501.5	541.5	537.4	533.6	172.3	170.6	171.0	170.6	351.9	372.7	368.7	371.6
Montana.....	89.2	93.4	93.6	93.4	26.0	26.1	26.3	26.3	41.8	45.0	44.9	44.9
Nebraska.....	185.2	195.6	194.9	194.5	74.1	73.9	73.5	73.2	114.5	118.7	119.5	120.7
Nevada.....	229.8	275.7	274.3	276.0	63.8	68.2	68.3	67.8	166.1	184.3	186.4	187.3
New Hampshire.....	124.1	139.1	138.5	138.5	33.4	34.4	34.3	34.1	78.7	88.5	85.7	84.2
New Jersey.....	751.9	845.8	844.8	847.8	238.4	249.5	248.7	248.3	612.8	655.3	654.6	656.1
New Mexico.....	123.5	133.8	133.2	134.0	33.9	32.2	32.6	32.6	103.6	108.7	107.9	107.7
New York.....	1,200.3	1,398.5	1,398.4	1,397.4	700.0	699.0	696.0	697.3	1,186.1	1,264.6	1,266.5	1,268.1
North Carolina.....	800.9	868.4	863.0	865.1	253.2	258.0	257.5	257.8	610.2	666.9	660.6	659.4
North Dakota.....	85.8	88.8	89.9	90.0	24.2	24.6	24.6	24.7	31.2	31.9	32.0	31.6
Ohio.....	959.4	1,030.1	1,025.7	1,017.9	298.0	308.4	308.0	304.6	660.6	701.8	701.0	700.2
Oklahoma.....	292.4	304.8	305.3	305.6	76.0	75.8	74.9	75.4	178.4	186.1	186.0	185.5
Oregon.....	328.2	361.2	360.0	359.5	99.2	103.7	104.4	105.3	232.6	248.1	249.5	252.4
Pennsylvania.....	972.4	1,099.8	1,094.1	1,093.2	321.0	322.3	325.0	325.5	729.6	767.2	764.8	765.7
Rhode Island.....	62.1	74.7	73.4	72.8	33.7	34.6	34.7	34.5	61.3	64.4	64.9	65.5
South Carolina.....	383.2	414.0	412.0	414.6	104.1	106.7	105.0	103.9	262.7	287.0	283.6	283.4
South Dakota.....	79.8	86.4	86.0	85.4	28.1	28.2	28.1	28.0	32.2	32.7	33.0	33.1
Tennessee.....	603.9	647.2	651.2	644.6	168.5	169.4	170.9	173.1	391.3	433.7	434.2	437.9
Texas.....	2,380.1	2,553.4	2,551.2	2,552.7	795.7	825.8	825.1	825.8	1,695.6	1,822.4	1,830.6	1,844.4
Utah.....	278.3	301.3	301.8	303.5	92.3	97.8	98.6	99.6	221.8	236.7	238.5	238.1
Vermont.....	46.3	50.9	50.5	50.2	11.8	11.9	12.2	12.1	27.4	29.8	29.9	30.0
Virginia.....	596.3	654.0	657.4	656.1	207.6	206.2	205.7	206.2	742.8	767.9	767.8	768.3
Washington.....	590.5	650.2	648.7	646.8	155.3	158.5	159.1	160.2	409.3	434.9	432.1	435.6
West Virginia.....	114.6	122.9	122.3	121.8	28.8	28.9	29.1	29.5	63.8	66.8	67.0	68.0
Wisconsin.....	488.8	528.5	528.9	528.9	150.9	150.7	150.6	150.0	294.6	317.7	318.9	319.6
Wyoming.....	49.3	51.0	51.4	50.3	10.8	11.0	10.8	10.7	17.9	18.7	19.0	19.1
Puerto Rico.....	145.0	171.0	170.8	171.1	42.4	43.1	43.0	42.9	109.7	118.8	118.7	118.2
Virgin Islands ¹	5.9	6.5	6.5	6.5	—	—	—	—	—	—	—	—

¹ Missing series (denoted by '-') are not published seasonally adjusted because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2020 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

Table 3. Employees on nonfarm payrolls by state and selected industry sector, seasonally adjusted-Continued
[In thousands]

State	Education and health services				Leisure and hospitality				Government			
	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p	May 2020	Mar. 2021	Apr. 2021	May 2021 ^p
Alabama.....	230.8	238.8	238.8	239.9	150.8	187.5	185.8	187.4	372.1	384.8	385.5	384.2
Alaska.....	47.3	49.6	49.6	49.8	20.4	27.4	27.4	27.4	72.9	76.9	77.1	77.3
Arizona.....	443.0	467.7	468.8	470.3	230.5	284.2	290.1	294.3	410.9	401.6	401.2	402.8
Arkansas.....	181.4	188.0	188.4	189.3	90.1	109.8	110.5	110.3	202.7	205.2	205.1	205.8
California.....	2,617.9	2,747.5	2,762.5	2,779.0	1,120.3	1,418.0	1,478.4	1,540.7	2,432.8	2,400.9	2,401.1	2,402.8
Colorado.....	323.9	342.1	344.8	344.0	209.8	277.4	289.3	303.7	434.1	436.3	438.3	439.1
Connecticut.....	306.9	328.8	324.5	329.8	76.4	123.5	125.5	127.4	211.3	221.6	222.7	221.9
Delaware.....	73.5	77.6	78.1	77.6	26.2	43.9	44.3	45.4	62.9	64.9	65.2	64.9
District of Columbia.....	122.7	123.0	124.0	126.4	32.3	39.7	41.9	42.9	237.3	241.0	241.5	242.0
Florida.....	1,266.2	1,319.0	1,326.5	1,324.6	783.4	1,001.3	1,009.0	1,018.2	1,110.6	1,079.5	1,078.3	1,082.4
Georgia.....	564.4	596.0	599.1	604.0	341.2	427.8	424.0	425.0	669.3	669.8	669.9	669.2
Hawaii.....	79.3	82.4	81.8	82.0	56.1	80.8	85.6	88.4	112.4	115.4	117.3	117.3
Idaho.....	108.0	115.2	114.8	115.2	61.8	83.5	84.9	84.5	118.4	125.9	126.5	126.6
Illinois.....	850.6	891.2	889.2	891.1	333.7	455.4	464.8	471.1	760.6	781.5	787.2	777.2
Indiana.....	447.7	463.1	465.0	465.2	208.3	276.1	275.1	277.0	399.7	407.0	404.4	410.9
Iowa.....	208.1	221.5	220.8	220.7	88.9	121.9	123.6	124.4	237.6	251.5	251.9	252.8
Kansas.....	193.2	199.3	198.8	198.9	92.1	115.7	115.7	115.6	244.1	247.0	247.1	247.6
Kentucky.....	257.4	275.5	275.9	277.2	121.8	166.0	166.2	169.6	291.9	295.0	296.9	294.0
Louisiana.....	299.2	312.6	311.9	310.3	147.5	195.4	194.4	193.9	311.5	313.0	313.2	312.3
Maine.....	119.4	126.2	125.2	124.9	38.0	57.2	57.4	57.5	92.9	98.0	96.1	96.2
Maryland.....	419.8	449.8	451.8	456.5	139.5	218.7	221.1	222.7	491.7	497.1	498.3	500.0
Massachusetts.....	709.9	759.3	758.1	760.5	174.7	275.3	278.2	281.4	426.4	425.9	429.2	430.8
Michigan.....	583.2	644.8	640.6	641.8	212.3	346.7	341.8	339.3	557.7	569.8	570.7	571.1
Minnesota.....	507.6	539.3	535.9	539.3	140.7	214.4	219.4	225.4	387.9	405.8	408.6	406.1
Mississippi.....	135.0	139.4	139.4	138.9	94.1	121.8	123.2	124.7	229.2	234.1	234.8	231.9
Missouri.....	466.0	488.5	490.8	493.3	199.0	264.7	270.7	273.5	404.6	420.3	420.4	420.6
Montana.....	75.5	78.9	79.1	79.2	50.6	64.1	63.7	63.3	86.5	89.4	89.9	90.4
Nebraska.....	148.3	157.3	157.2	157.9	64.3	83.4	83.7	83.0	160.0	167.9	168.7	168.4
Nevada.....	134.0	144.1	143.5	143.1	152.2	252.0	256.1	263.4	156.0	159.3	160.4	161.3
New Hampshire.....	108.7	118.5	118.7	119.4	39.4	62.1	64.7	65.9	82.8	85.0	85.0	85.1
New Jersey.....	613.8	673.1	674.2	676.7	182.4	304.5	307.7	313.9	568.6	566.4	567.4	568.4
New Mexico.....	130.0	136.1	135.6	135.5	62.1	81.1	81.3	87.9	178.8	172.8	172.9	174.1
New York.....	1,886.5	2,023.7	2,026.3	2,034.2	410.5	641.1	662.1	669.4	1,421.5	1,435.9	1,438.3	1,434.7
North Carolina.....	575.9	600.1	599.4	598.3	319.1	440.0	447.1	454.7	695.0	697.3	694.6	691.5
North Dakota.....	64.3	65.9	65.7	65.7	29.7	36.5	36.9	37.0	75.1	80.3	80.6	80.3
Ohio.....	848.4	895.0	895.8	894.8	343.7	485.0	483.3	485.6	738.6	744.4	744.6	744.0
Oklahoma.....	229.7	233.7	234.2	234.3	138.7	167.6	166.3	166.6	333.4	340.8	342.0	342.1
Oregon.....	278.9	297.4	297.1	300.0	117.7	162.0	163.6	163.6	275.7	276.5	278.9	278.4
Pennsylvania.....	1,172.3	1,235.7	1,232.0	1,244.2	272.5	446.5	448.9	459.7	670.7	670.1	671.9	672.4
Rhode Island.....	92.4	100.8	100.1	100.6	28.0	46.7	47.1	47.5	62.8	61.6	61.9	61.6
South Carolina.....	238.9	252.2	254.9	255.4	182.5	234.6	233.5	237.5	358.9	365.2	365.7	363.2
South Dakota.....	70.6	74.3	75.0	72.9	33.5	43.1	43.2	43.8	71.2	78.7	78.8	79.2
Tennessee.....	421.0	429.9	429.7	430.7	246.2	299.8	302.5	305.5	420.7	428.2	428.8	429.9
Texas.....	1,648.0	1,712.7	1,711.1	1,712.5	1,001.7	1,233.5	1,251.6	1,265.8	1,916.0	1,953.5	1,965.2	1,962.7
Utah.....	203.4	211.8	211.7	215.9	113.2	142.0	146.0	146.0	237.3	243.8	244.4	241.0
Vermont.....	58.4	62.2	62.3	62.7	18.4	25.6	27.5	29.0	51.2	50.9	50.8	50.6
Virginia.....	503.2	531.4	531.5	534.7	228.7	329.8	332.4	333.3	699.5	703.2	701.5	697.9
Washington.....	463.8	508.1	510.1	511.2	209.1	262.4	271.6	277.9	539.5	547.9	553.4	554.7
West Virginia.....	122.2	128.4	128.4	128.3	44.6	64.9	66.1	67.9	141.5	147.3	147.7	143.2
Wisconsin.....	430.6	448.8	447.8	449.4	166.3	233.1	236.6	234.8	365.0	381.1	382.3	382.5
Wyoming.....	27.7	28.1	28.0	27.9	26.2	36.9	37.7	35.4	64.9	65.9	65.7	65.7
Puerto Rico.....	106.0	110.9	111.2	111.2	53.0	73.0	72.9	72.5	193.3	195.5	195.6	195.4
Virgin Islands.....	2.1	2.1	2.1	2.1	3.7	4.5	4.6	4.6	11.1	10.5	10.5	10.6

p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2020 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

Table 4. Employees on nonfarm payrolls by state and selected industry sector, not seasonally adjusted
[In thousands]

State	Total				Mining and logging				Construction			
	April		May		April		May		April		May	
	2020	2021	2020	2021 ^p	2020	2021	2020	2021 ^p	2020	2021	2020	2021 ^p
Alabama.....	1,842.7	2,010.6	1,892.3	2,015.3	9.8	8.8	9.8	8.5	89.9	91.3	91.0	90.1
Alaska.....	278.1	300.0	288.5	308.1	11.9	10.2	10.9	10.4	13.3	15.5	15.8	16.8
Arizona.....	2,679.9	2,909.2	2,746.3	2,910.1	12.6	12.4	12.6	12.4	170.4	173.2	172.3	174.3
Arkansas.....	1,171.6	1,266.1	1,201.7	1,272.2	5.4	5.3	5.5	5.4	51.5	54.2	52.9	53.5
California.....	14,943.1	16,249.4	15,145.0	16,379.4	19.9	18.8	19.0	18.9	737.0	882.1	828.3	884.5
Colorado.....	2,438.6	2,686.6	2,514.1	2,708.6	23.9	20.0	21.3	19.5	168.1	167.2	175.6	172.4
Connecticut.....	1,399.2	1,579.2	1,445.9	1,596.7	0.5	0.5	0.5	0.5	48.6	57.2	55.0	59.2
Delaware ¹	398.2	444.2	407.1	446.4	—	—	—	—	20.8	23.3	21.6	23.2
District of Columbia ¹	723.1	739.5	714.1	739.6	—	—	—	—	13.7	15.5	14.1	15.5
Florida.....	7,854.0	8,612.7	8,064.1	8,649.1	5.4	5.4	5.5	5.5	537.2	567.3	558.0	576.0
Georgia.....	4,058.7	4,469.3	4,193.5	4,483.1	9.5	9.6	9.6	9.5	195.9	205.8	198.3	204.0
Hawaii ¹	508.8	563.5	511.4	568.2	—	—	—	—	34.0	37.1	36.4	37.0
Idaho.....	692.5	782.9	723.3	785.8	3.1	3.4	3.5	3.8	52.6	58.8	55.9	59.1
Illinois.....	5,310.3	5,718.4	5,362.6	5,760.3	6.7	6.4	6.8	6.6	195.6	222.7	213.7	229.1
Indiana.....	2,667.1	3,032.1	2,807.1	3,042.9	5.1	5.3	5.1	5.4	131.9	147.4	140.2	151.6
Iowa.....	1,416.8	1,518.5	1,436.7	1,532.7	2.2	2.3	2.3	2.3	73.6	75.1	79.3	78.3
Kansas.....	1,277.9	1,376.5	1,311.3	1,380.2	5.8	5.9	5.8	5.9	61.1	64.3	63.5	64.3
Kentucky.....	1,661.5	1,858.9	1,699.8	1,875.8	6.4	7.2	7.0	7.3	73.3	79.4	75.9	80.3
Louisiana.....	1,715.7	1,835.9	1,739.2	1,836.5	32.0	28.8	30.4	29.1	113.5	116.8	113.8	116.4
Maine.....	534.8	599.7	559.2	611.2	1.6	1.7	1.7	1.7	27.0	29.6	29.7	30.7
Maryland.....	2,380.7	2,640.9	2,423.7	2,662.5	1.3	1.3	1.3	1.3	150.3	160.3	156.3	161.0
Massachusetts.....	3,037.3	3,427.9	3,108.5	3,462.6	0.9	1.0	1.1	1.1	112.4	159.0	132.6	164.7
Michigan.....	3,377.4	4,095.5	3,550.4	4,144.7	5.8	6.7	5.8	7.0	99.3	168.1	151.4	181.0
Minnesota.....	2,562.6	2,793.6	2,618.9	2,848.4	6.1	6.0	5.6	6.4	109.2	118.1	128.1	131.4
Mississippi.....	1,014.9	1,122.8	1,049.4	1,126.1	6.0	5.6	6.0	5.7	41.9	43.8	42.7	44.7
Missouri.....	2,583.8	2,819.3	2,647.5	2,835.7	4.4	4.5	4.4	4.6	120.3	126.1	126.0	127.0
Montana.....	423.1	476.8	453.9	482.9	6.4	6.3	6.6	6.5	28.6	30.1	31.5	31.1
Nebraska.....	937.2	1,007.4	954.4	1,014.9	1.0	1.0	1.0	1.0	54.2	56.3	56.3	57.1
Nevada.....	1,113.9	1,309.8	1,109.8	1,324.9	14.7	14.8	14.8	15.0	91.1	90.9	93.3	92.0
New Hampshire.....	569.8	649.5	594.0	657.8	0.9	0.9	1.0	1.0	25.1	27.7	27.2	28.2
New Jersey.....	3,490.6	3,882.6	3,538.2	3,938.0	1.3	1.4	1.4	1.4	130.8	147.4	142.5	149.2
New Mexico.....	761.0	791.1	761.0	800.9	22.1	17.0	20.2	17.4	48.6	48.0	48.1	47.6
New York.....	7,846.3	8,860.5	8,047.1	8,940.2	4.4	5.3	5.1	5.5	244.5	360.5	306.2	369.8
North Carolina.....	4,062.3	4,474.1	4,152.5	4,489.8	5.7	5.6	5.7	5.7	222.5	235.9	226.7	237.0
North Dakota.....	384.4	414.1	398.6	420.7	16.7	13.9	13.8	14.1	23.8	25.6	26.9	28.2
Ohio.....	4,721.0	5,295.6	4,930.5	5,328.1	9.6	8.8	9.5	8.8	191.4	222.2	215.4	231.8
Oklahoma.....	1,539.3	1,630.3	1,574.1	1,635.1	34.0	26.0	31.5	26.5	77.3	77.6	79.7	79.1
Oregon.....	1,687.5	1,841.3	1,712.4	1,857.5	6.3	6.2	6.4	6.2	99.2	106.1	104.6	110.4
Pennsylvania.....	4,972.9	5,669.1	5,190.3	5,713.5	23.3	22.0	22.9	22.0	161.4	250.9	228.7	254.7
Rhode Island.....	399.3	465.0	419.4	471.6	0.2	0.2	0.2	0.2	15.7	20.5	18.0	21.3
South Carolina.....	1,898.3	2,115.6	1,971.1	2,126.0	4.3	4.4	4.4	4.4	101.1	109.3	102.8	108.7
South Dakota.....	395.8	431.9	409.5	438.3	1.0	1.0	1.1	1.1	22.9	24.5	25.1	25.9
Tennessee.....	2,781.0	3,049.8	2,840.9	3,071.0	4.2	4.2	4.2	4.2	125.9	127.8	128.9	128.5
Texas.....	11,514.1	12,533.1	11,780.1	12,594.3	206.6	183.2	186.8	185.1	723.4	733.2	731.6	729.4
Utah.....	1,432.2	1,590.9	1,477.1	1,595.7	9.0	8.0	8.7	8.1	111.6	118.0	116.3	119.8
Vermont.....	248.7	287.9	264.0	291.0	0.6	0.7	0.8	0.8	8.8	13.7	13.7	15.1
Virginia.....	3,618.2	3,897.5	3,640.8	3,900.7	6.8	7.5	6.9	7.5	195.4	203.9	198.9	204.6
Washington.....	3,101.1	3,336.7	3,110.0	3,363.7	5.2	5.3	5.5	5.5	183.9	226.0	203.6	225.2
West Virginia.....	617.6	686.3	632.5	691.0	17.2	20.0	17.2	20.0	25.2	30.2	28.9	30.5
Wisconsin.....	2,580.5	2,840.9	2,656.8	2,870.4	3.5	3.5	3.6	3.6	114.3	121.4	125.2	126.2
Wyoming.....	257.1	268.6	263.3	273.3	17.9	14.9	16.1	15.0	20.1	18.7	21.5	19.6
Puerto Rico.....	765.5	850.3	771.2	848.8	0.4	0.6	0.5	0.6	20.1	29.8	22.3	28.9
Virgin Islands ¹	35.0	34.8	35.0	34.9	—	—	—	—	4.0	2.9	4.0	2.9

¹ Mining and logging is combined with construction.

p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2020 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**Table 4. Employees on nonfarm payrolls by state and selected industry sector, not seasonally adjusted-
Continued**

[In thousands]

State	Manufacturing				Trade, transportation, and utilities				Information			
	April		May		April		May		April		May	
	2020	2021	2020	2021 ^P	2020	2021	2020	2021 ^P	2020	2021	2020	2021 ^P
Alabama.....	232.4	265.6	242.8	265.7	349.2	375.9	361.3	378.4	19.0	19.3	18.8	19.7
Alaska.....	9.9	11.5	9.9	10.6	54.9	58.4	56.3	60.4	4.7	4.7	4.8	4.8
Arizona.....	173.3	177.3	174.2	178.7	503.3	565.5	515.9	567.5	43.8	44.1	43.6	44.1
Arkansas.....	149.3	159.8	151.2	162.2	232.4	248.7	239.6	250.6	11.5	11.8	11.6	12.0
California.....	1,198.7	1,245.6	1,222.4	1,253.9	2,588.8	2,937.5	2,628.2	2,946.9	507.8	530.5	498.4	534.8
Colorado.....	139.9	145.6	143.0	145.5	426.1	481.1	440.4	481.9	74.6	72.9	74.3	72.4
Connecticut.....	147.6	151.0	150.3	152.0	232.9	282.6	245.8	284.6	28.6	28.0	28.3	27.9
Delaware.....	23.9	24.2	24.6	24.2	67.7	79.9	68.9	80.6	3.6	3.6	3.6	3.6
District of Columbia.....	0.9	1.0	0.9	1.0	26.1	29.1	26.3	28.7	19.9	19.3	19.5	19.2
Florida.....	361.0	383.0	369.0	381.6	1,596.3	1,741.5	1,640.1	1,755.2	125.9	129.6	126.1	131.1
Georgia.....	359.1	388.2	371.2	390.4	850.9	935.7	874.4	936.5	103.7	114.7	102.3	114.8
Hawaii.....	10.5	11.2	11.2	11.3	94.4	102.6	93.5	102.1	6.4	6.5	7.3	6.6
Idaho.....	65.3	68.1	66.5	68.2	133.7	152.8	139.8	153.0	6.8	7.2	7.1	7.3
Illinois.....	530.9	537.0	536.9	541.4	1,062.1	1,167.5	1,076.5	1,173.0	86.7	85.7	85.7	85.8
Indiana.....	420.2	526.4	461.3	522.8	536.5	594.6	563.5	596.7	25.3	24.6	25.3	24.6
Iowa.....	212.5	218.2	211.7	219.9	280.0	301.1	288.5	302.5	18.7	17.8	18.4	17.9
Kansas.....	152.0	157.2	152.2	158.5	240.6	265.4	248.4	266.5	16.6	17.1	16.6	16.8
Kentucky.....	204.7	240.8	208.5	243.6	360.3	399.4	372.7	404.0	19.4	19.9	19.4	19.7
Louisiana.....	131.0	126.9	129.9	125.3	336.0	360.4	341.7	360.8	16.5	17.5	17.0	17.6
Maine.....	45.1	52.3	49.0	52.6	97.8	112.5	103.2	115.3	6.1	6.4	6.1	6.4
Maryland.....	104.0	109.0	104.9	109.2	397.5	454.0	405.1	458.1	32.6	31.7	31.8	31.6
Massachusetts.....	214.9	229.9	219.0	230.9	455.9	547.0	465.4	549.9	89.3	89.7	87.6	89.2
Michigan.....	413.5	560.2	440.7	569.4	625.6	764.8	668.5	769.7	48.4	50.1	48.0	49.8
Minnesota.....	298.7	306.3	300.1	309.0	459.7	505.4	473.5	509.3	41.9	40.1	42.0	40.1
Mississippi.....	122.8	140.0	130.6	141.0	211.6	230.0	219.5	232.9	9.3	9.3	9.2	9.5
Missouri.....	250.8	264.5	253.6	266.8	484.0	534.8	502.1	533.5	43.8	43.8	43.7	43.6
Montana.....	18.7	20.8	19.9	21.0	84.8	92.6	89.4	93.6	5.7	5.5	5.7	5.4
Nebraska.....	94.6	99.9	94.1	100.4	181.3	193.8	185.4	195.0	16.1	15.7	15.9	15.9
Nevada.....	52.4	59.9	53.3	60.2	221.3	271.5	227.3	274.6	12.4	13.4	12.7	13.5
New Hampshire.....	64.2	66.9	65.0	66.9	117.2	136.2	123.1	137.9	11.5	11.5	11.5	11.6
New Jersey.....	219.5	240.7	226.1	242.9	724.0	831.7	746.1	845.1	67.7	66.9	67.1	67.0
New Mexico.....	25.5	26.7	25.5	27.0	121.8	132.4	123.2	133.6	8.3	7.7	8.0	8.1
New York.....	350.5	407.2	369.4	406.9	1,146.6	1,379.9	1,190.4	1,394.4	261.8	266.4	255.8	271.4
North Carolina.....	424.4	460.6	431.8	462.5	772.7	856.5	797.1	861.7	72.3	77.3	72.4	77.4
North Dakota.....	23.5	25.2	24.8	26.0	84.8	89.3	86.2	89.6	5.7	5.7	5.8	5.8
Ohio.....	581.0	655.8	601.6	656.6	895.9	1,017.0	955.8	1,015.3	61.4	62.9	61.6	63.4
Oklahoma.....	130.2	130.0	129.1	129.5	278.8	303.4	290.8	305.0	18.3	17.2	18.2	17.2
Oregon.....	178.5	180.8	179.6	182.5	318.8	356.3	325.1	356.5	31.8	33.3	31.9	33.9
Pennsylvania.....	490.7	540.1	513.5	540.2	916.3	1,083.0	969.5	1,090.2	79.7	80.9	79.2	81.1
Rhode Island.....	33.2	38.5	35.2	39.2	59.2	72.2	61.9	72.7	5.0	5.0	5.0	5.0
South Carolina.....	224.9	244.5	229.2	245.9	369.9	408.6	382.8	413.1	24.0	24.5	24.1	25.1
South Dakota.....	42.5	43.8	42.6	44.3	77.9	85.4	80.6	85.4	4.9	4.7	5.0	4.7
Tennessee.....	294.5	344.1	299.5	346.6	584.3	637.5	601.8	639.9	41.6	44.0	41.8	44.1
Texas.....	852.3	866.4	854.6	869.1	2,306.4	2,535.2	2,361.5	2,536.1	192.1	200.8	191.9	200.3
Utah.....	132.9	142.4	131.7	142.4	265.0	298.2	276.0	301.3	36.5	39.1	37.0	38.8
Vermont.....	24.6	28.9	26.8	29.3	42.5	49.7	45.9	50.2	3.8	3.9	3.8	3.9
Virginia.....	224.0	236.9	222.1	236.9	583.7	651.5	592.6	653.6	64.1	65.3	64.1	64.9
Washington.....	268.4	258.4	266.7	259.3	581.5	640.3	586.6	643.1	146.4	152.1	147.0	153.3
West Virginia.....	43.0	45.3	43.0	45.3	108.9	121.2	113.6	121.4	7.0	7.2	6.9	7.3
Wisconsin.....	436.0	466.6	442.9	472.2	468.5	520.1	488.8	524.6	43.3	44.4	43.3	44.3
Wyoming.....	9.3	9.6	9.3	9.5	47.8	50.3	49.1	50.3	2.9	2.8	2.9	2.7
Puerto Rico.....	67.0	77.2	70.6	77.5	138.7	169.8	143.1	170.9	14.9	14.7	14.8	14.9
Virgin Islands.....	0.8	0.8	0.8	0.8	5.8	6.5	5.9	6.5	0.5	0.5	0.5	0.5

p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2020 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED

Table 4. Employees on nonfarm payrolls by state and selected industry sector, not seasonally adjusted-Continued
 [In thousands]

State	Financial activities				Professional and business services				Education and health services			
	April		May		April		May		April		May	
	2020	2021	2020	2021 ^P	2020	2021	2020	2021 ^P	2020	2021	2020	2021 ^P
Alabama.....	95.4	95.6	95.5	95.7	220.3	246.7	224.8	247.8	225.1	238.7	230.3	239.9
Alaska.....	10.4	10.5	10.6	10.8	24.8	25.3	25.5	26.1	45.8	49.8	47.5	50.1
Arizona.....	229.0	231.5	229.3	232.0	413.8	432.8	421.3	433.6	433.3	470.3	442.7	469.5
Arkansas.....	63.1	64.2	63.5	64.7	131.6	146.4	132.0	145.2	178.2	188.6	182.3	189.8
California.....	798.3	807.0	799.3	807.4	2,463.0	2,653.0	2,490.6	2,654.5	2,591.7	2,774.3	2,629.2	2,787.3
Colorado.....	168.7	172.5	168.6	171.4	413.8	438.0	423.3	444.1	309.2	346.1	324.8	344.5
Connecticut.....	118.6	118.0	118.5	117.6	196.1	206.9	199.0	210.0	303.0	327.7	308.5	330.1
Delaware.....	46.8	46.9	46.9	46.8	59.3	62.3	61.1	60.6	72.9	78.1	73.9	77.8
District of Columbia.....	29.1	28.4	29.0	28.0	165.4	166.4	163.4	166.3	126.6	126.3	120.1	125.7
Florida.....	577.4	600.3	579.0	605.1	1,273.5	1,391.2	1,297.3	1,394.6	1,235.4	1,330.9	1,270.4	1,330.1
Georgia.....	247.2	249.6	247.2	248.9	650.4	713.6	661.3	716.7	547.5	601.1	566.1	604.5
Hawaii.....	26.9	27.2	26.8	27.3	62.4	68.9	63.5	69.6	76.4	81.7	79.4	82.1
Idaho.....	36.1	40.8	36.6	41.0	94.6	98.4	97.6	98.6	105.0	115.5	108.7	116.0
Illinois.....	402.3	399.6	401.7	399.5	845.2	899.5	851.5	906.1	855.1	896.9	855.7	895.9
Indiana.....	136.9	138.8	138.1	139.8	296.7	325.5	304.4	323.5	437.9	466.8	449.8	464.6
Iowa.....	107.8	109.8	108.2	109.1	130.0	134.8	130.8	136.2	211.4	223.6	210.4	222.2
Kansas.....	75.9	75.0	76.3	74.9	161.8	173.6	163.4	172.1	188.7	199.7	193.5	199.6
Kentucky.....	89.9	94.2	90.4	94.8	186.3	210.3	188.9	209.9	251.9	275.0	257.0	276.9
Louisiana.....	89.3	88.6	88.7	88.8	193.9	207.8	194.2	207.5	294.1	311.4	299.7	310.5
Maine.....	31.9	32.1	32.2	32.3	64.3	69.5	66.2	70.3	117.8	126.8	119.4	125.0
Maryland.....	134.9	135.5	135.0	135.2	424.0	460.1	429.6	461.9	415.1	456.1	420.5	458.2
Massachusetts.....	212.8	218.7	213.7	218.9	556.0	599.6	565.6	604.8	716.8	765.0	712.7	757.9
Michigan.....	214.3	225.2	216.0	226.7	506.7	620.6	530.4	626.6	583.2	643.9	586.0	643.5
Minnesota.....	190.8	191.2	191.5	191.5	343.7	362.8	345.7	368.9	509.5	538.0	510.3	541.0
Mississippi.....	42.9	42.6	42.9	42.3	96.4	109.8	98.5	110.3	132.9	141.0	135.2	139.8
Missouri.....	171.4	170.3	172.3	170.3	350.4	370.6	352.4	372.4	463.1	494.5	467.7	491.2
Montana.....	25.5	26.0	25.9	26.1	40.8	44.6	42.3	45.3	72.9	79.3	75.9	79.5
Nebraska.....	74.0	73.3	74.1	73.3	113.7	119.8	114.8	120.5	146.0	157.3	148.8	158.0
Nevada.....	64.2	68.1	63.9	67.7	162.8	186.4	165.1	187.2	129.3	143.0	134.3	142.8
New Hampshire.....	33.1	33.8	33.2	33.5	77.0	84.3	78.6	83.6	109.5	119.5	111.3	119.7
New Jersey.....	237.9	246.8	237.9	246.6	604.1	653.5	615.1	660.6	618.0	677.7	619.1	680.8
New Mexico.....	34.1	32.4	33.9	32.7	103.5	107.2	103.3	107.2	130.4	136.2	131.0	136.2
New York.....	694.5	693.7	694.7	694.0	1,170.3	1,266.5	1,183.7	1,270.1	1,901.6	2,054.6	1,899.1	2,046.5
North Carolina.....	249.9	256.2	252.3	257.1	600.3	662.3	607.0	656.2	567.0	601.3	577.7	599.1
North Dakota.....	24.3	24.6	24.1	24.7	30.3	31.5	31.2	31.7	64.0	65.6	64.4	65.7
Ohio.....	296.1	306.2	298.2	304.8	647.0	694.4	660.8	703.5	831.4	902.5	851.6	896.2
Oklahoma.....	76.1	74.6	76.0	75.1	176.9	185.7	177.8	185.4	224.4	235.0	229.8	234.4
Oregon.....	98.6	103.7	99.0	105.1	231.9	249.2	232.0	251.9	278.4	299.4	279.6	299.3
Pennsylvania.....	319.1	323.5	320.6	324.9	716.0	766.8	732.5	768.5	1,166.5	1,245.8	1,173.8	1,242.3
Rhode Island.....	33.7	34.5	33.6	34.6	59.6	64.4	61.7	65.6	92.4	102.1	94.5	100.7
South Carolina.....	103.3	104.1	104.2	103.3	256.6	284.5	262.1	283.5	231.5	255.5	239.2	256.3
South Dakota.....	27.9	27.9	28.1	28.1	31.9	32.5	32.3	32.8	70.9	75.1	70.9	73.3
Tennessee.....	168.2	170.1	168.4	174.1	385.4	431.1	389.3	435.8	414.5	430.6	418.5	429.0
Texas.....	790.5	821.0	793.3	823.0	1,674.9	1,833.2	1,686.9	1,845.1	1,598.5	1,711.9	1,649.3	1,716.3
Utah.....	91.2	98.1	92.0	99.0	216.2	237.0	220.8	239.2	197.0	213.5	200.3	213.3
Vermont.....	11.6	12.0	11.8	12.1	26.2	29.4	27.5	30.3	57.5	64.0	58.5	63.0
Virginia.....	207.3	205.2	207.3	205.3	739.3	766.8	742.0	770.7	498.0	533.7	498.6	531.6
Washington.....	155.8	158.1	155.6	160.1	410.2	430.7	409.0	434.5	465.7	515.8	466.2	515.4
West Virginia.....	28.6	29.0	28.9	29.8	63.0	67.0	63.7	68.3	120.7	128.8	121.9	128.1
Wisconsin.....	149.6	149.9	150.5	149.6	290.8	318.7	294.1	321.0	426.7	448.1	431.9	448.6
Wyoming.....	10.7	10.8	10.7	10.7	17.5	18.7	18.1	19.3	27.4	28.1	28.0	28.2
Puerto Rico.....	42.4	43.0	42.3	42.7	108.4	117.3	108.8	115.9	107.7	111.8	107.6	112.2
Virgin Islands.....	1.8	1.8	1.8	1.8	3.5	3.4	3.5	3.4	2.1	2.1	2.1	2.1

p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2020 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**Table 4. Employees on nonfarm payrolls by state and selected industry sector, not seasonally adjusted-
Continued**

[In thousands]

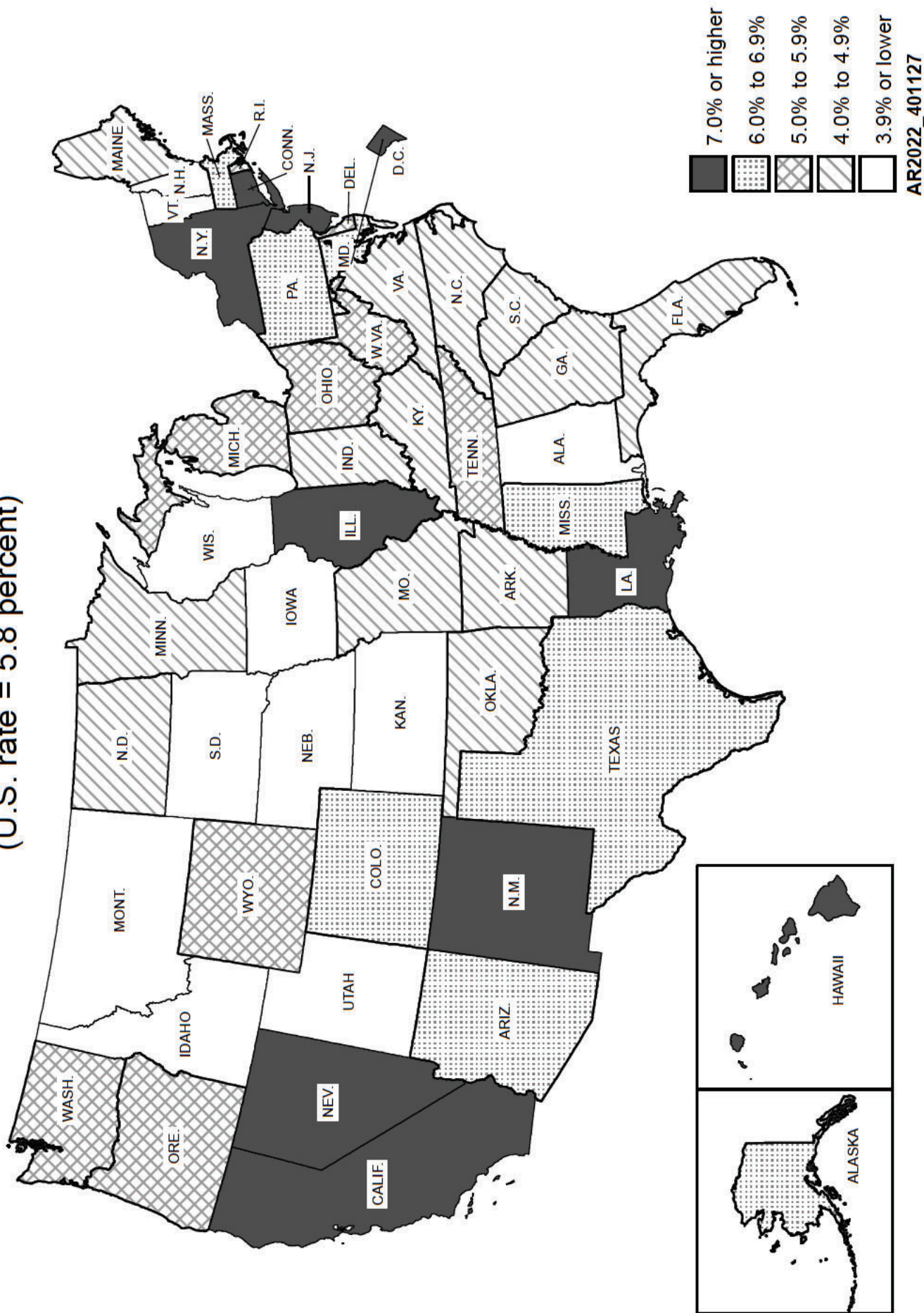
State	Leisure and hospitality				Other services				Government			
	April		May		April		May		April		May	
	2020	2021	2020	2021 ^P	2020	2021	2020	2021 ^P	2020	2021	2020	2021 ^P
Alabama.....	130.5	187.7	155.6	192.7	84.1	91.2	87.7	90.8	387.0	389.8	374.7	386.0
Alaska.....	17.8	24.7	22.7	29.1	8.5	10.6	9.7	10.7	76.1	78.8	74.8	78.3
Arizona.....	200.0	296.5	235.5	298.7	74.4	91.0	81.5	89.5	426.0	414.6	417.4	409.8
Arkansas.....	76.4	111.0	93.1	113.4	61.9	67.0	63.8	66.9	210.3	209.1	206.2	208.5
California.....	1,078.8	1,485.9	1,138.1	1,557.5	397.4	470.6	415.4	474.7	2,561.7	2,444.1	2,476.1	2,459.0
Colorado.....	172.8	287.5	199.1	296.0	89.0	110.0	98.8	107.5	452.5	445.7	444.9	453.4
Connecticut.....	64.0	120.8	79.9	129.6	42.0	58.7	46.0	59.1	217.3	227.8	214.1	226.1
Delaware.....	24.7	42.7	28.2	47.1	12.9	16.5	14.0	16.5	65.6	66.7	64.3	66.0
District of Columbia.....	32.8	43.9	33.2	44.8	72.4	69.3	71.6	69.9	236.2	240.3	236.0	240.5
Florida.....	735.7	1,031.8	799.8	1,040.9	275.3	331.9	296.9	334.1	1,130.9	1,099.8	1,122.0	1,094.9
Georgia.....	292.1	426.8	352.1	433.5	121.5	150.7	138.3	154.4	680.9	673.5	672.7	669.9
Hawaii.....	59.5	85.8	55.9	88.9	21.1	21.9	21.5	22.2	117.2	120.6	115.9	121.1
Idaho.....	49.0	83.8	62.4	84.7	22.4	25.1	24.0	24.7	123.9	129.0	121.2	129.4
Illinois.....	327.4	464.7	350.5	489.0	204.7	237.6	209.7	239.7	793.6	800.8	773.9	794.2
Indiana.....	178.4	275.6	217.7	287.1	84.3	113.1	95.7	113.6	413.9	414.0	406.0	413.2
Iowa.....	77.9	122.3	93.3	128.7	48.1	56.4	51.4	57.3	254.6	257.1	242.4	258.3
Kansas.....	75.8	116.0	94.6	117.7	42.7	48.5	45.2	48.7	256.9	253.8	251.8	255.2
Kentucky.....	115.4	167.4	129.0	176.7	52.7	62.8	54.1	62.5	301.2	301.7	296.9	300.1
Louisiana.....	134.6	195.4	151.4	198.1	54.1	66.0	58.5	67.0	320.7	316.3	313.9	315.4
Maine.....	27.9	49.0	38.4	56.6	16.7	21.0	18.6	22.0	98.6	98.8	94.7	98.3
Maryland.....	131.8	218.1	148.4	227.9	85.2	103.9	89.9	106.2	504.0	510.9	500.9	511.9
Massachusetts.....	149.4	263.8	181.6	288.5	85.5	113.5	92.9	114.3	443.4	440.7	436.3	442.4
Michigan.....	183.5	330.0	223.3	354.1	112.4	143.1	119.4	146.9	584.7	582.8	560.9	570.0
Minnesota.....	122.8	209.4	147.2	233.0	77.8	101.8	79.7	104.5	402.4	414.5	395.2	413.3
Mississippi.....	85.3	123.8	97.4	127.3	34.1	40.4	36.3	40.1	231.7	236.5	231.1	232.5
Missouri.....	169.4	270.9	207.6	283.5	95.9	109.4	102.9	111.1	430.3	429.9	414.8	431.7
Montana.....	34.9	61.0	50.7	63.2	15.6	19.2	17.2	19.1	89.2	91.4	88.8	92.1
Nebraska.....	55.2	83.5	66.3	85.6	31.7	35.9	33.7	35.5	169.4	170.9	164.0	172.6
Nevada.....	176.6	258.8	155.7	268.3	29.0	39.9	31.5	39.7	160.1	163.1	157.9	163.9
New Hampshire.....	29.7	59.2	39.4	66.1	15.8	22.0	18.1	22.2	85.8	87.5	85.6	87.1
New Jersey.....	184.8	293.0	190.6	319.9	115.4	144.4	117.0	145.8	587.1	579.1	575.3	578.7
New Mexico.....	57.5	80.6	63.3	87.5	23.2	25.9	23.9	26.1	186.0	177.0	180.6	177.5
New York.....	355.4	636.1	426.8	681.9	267.8	342.1	279.9	346.4	1,448.9	1,448.2	1,436.0	1,453.3
North Carolina.....	288.0	444.3	330.3	465.1	124.4	155.9	134.5	155.5	735.1	718.2	717.0	712.5
North Dakota.....	21.8	36.3	30.0	37.8	13.0	14.5	14.0	14.7	76.5	81.9	77.4	82.4
Ohio.....	296.6	476.6	363.3	503.7	142.9	188.4	164.1	190.6	767.7	760.8	748.6	753.4
Oklahoma.....	117.2	168.8	142.5	169.8	55.4	65.4	59.8	65.3	350.7	346.6	338.9	347.8
Oregon.....	103.4	161.7	119.8	165.9	48.3	60.1	50.2	59.6	292.3	284.5	284.2	286.2
Pennsylvania.....	240.6	439.8	290.0	474.0	165.0	230.8	179.3	232.4	694.3	685.5	680.3	683.2
Rhode Island.....	21.3	44.4	29.1	49.0	14.9	20.4	15.9	20.4	64.1	62.8	64.3	62.9
South Carolina.....	152.7	235.7	192.1	244.9	62.8	73.9	68.0	75.0	367.2	370.6	362.2	365.8
South Dakota.....	26.0	39.9	34.8	44.2	15.2	17.2	15.9	17.2	74.7	79.9	73.1	81.3
Tennessee.....	219.8	300.9	253.2	311.1	105.7	121.2	109.7	121.9	436.9	438.3	425.6	435.8
Texas.....	861.3	1,257.4	1,022.4	1,291.6	338.0	403.2	359.8	410.0	1,970.1	1,987.6	1,942.0	1,988.3
Utah.....	92.8	145.1	112.7	143.4	34.1	42.3	37.9	41.4	245.9	249.2	243.7	249.0
Vermont.....	12.0	23.2	14.8	25.0	7.9	9.7	8.2	10.3	53.2	52.7	52.2	51.0
Virginia.....	216.8	331.3	239.4	340.6	157.7	179.4	164.0	180.0	725.1	716.0	704.9	705.0
Washington.....	206.1	271.0	213.0	282.5	109.0	117.8	108.1	118.4	568.9	561.2	548.7	566.4
West Virginia.....	38.6	65.7	45.9	69.0	18.3	21.4	19.9	21.2	147.1	150.5	142.6	150.1
Wisconsin.....	134.2	225.6	173.1	240.8	124.8	147.0	132.3	149.4	388.8	395.6	371.1	390.1
Wyoming.....	21.3	32.4	26.1	34.8	15.2	15.8	15.5	16.1	67.0	66.5	66.0	67.1
Puerto Rico.....	50.5	73.3	52.9	72.4	13.4	16.4	14.2	16.5	202.0	196.4	194.1	196.3
Virgin Islands.....	3.9	4.7	3.8	4.7	1.4	1.5	1.5	1.6	11.2	10.6	11.1	10.6

p Preliminary

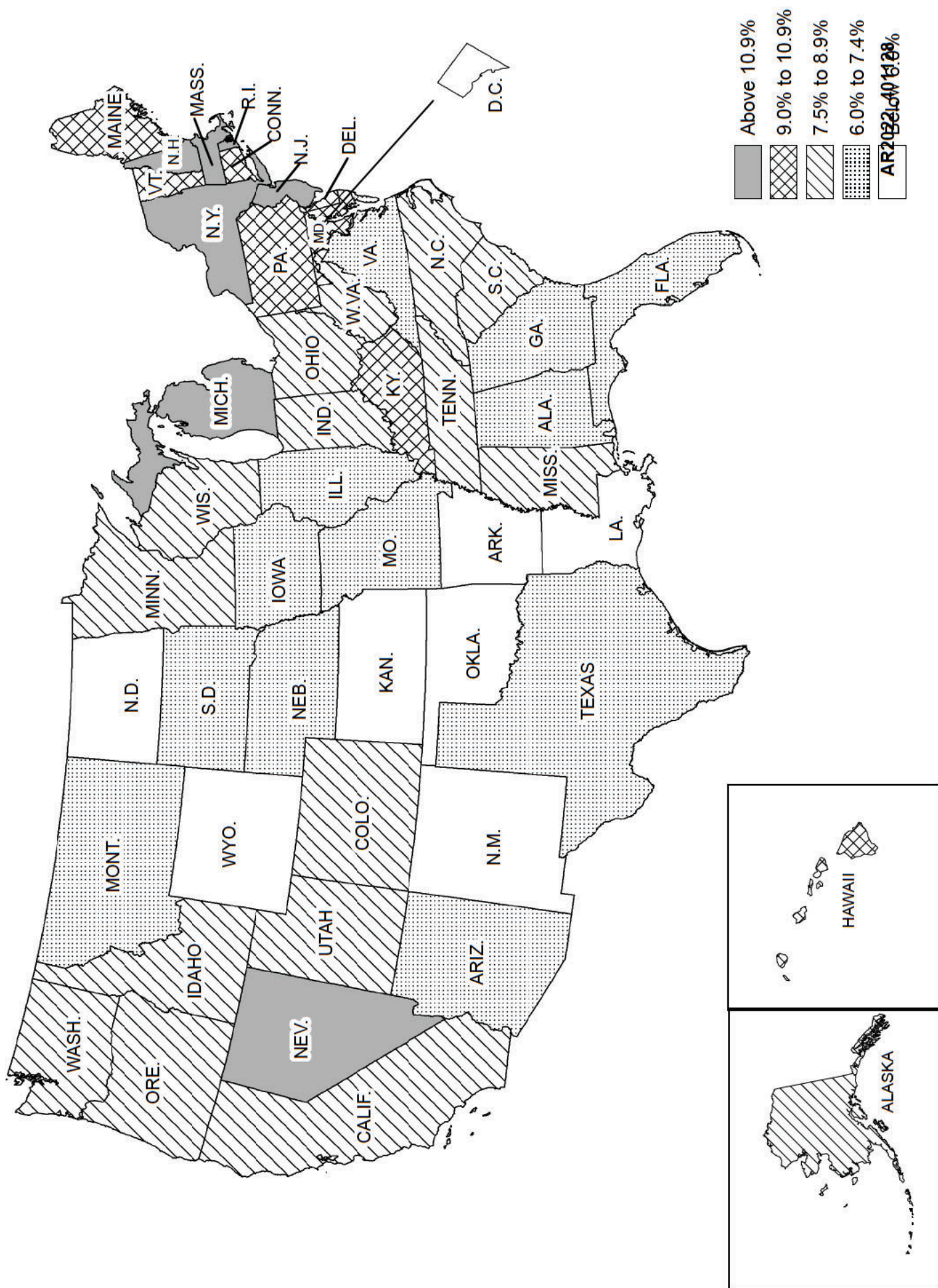
NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2020 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

Map 1. Unemployment rates by state, seasonally adjusted,
May 2021

(U.S. rate = 5.8 percent)



Map 2. Percentage change in nonfarm employment by state, seasonally adjusted, May 2020 - May 2021



NEWS RELEASE

BUREAU OF LABOR STATISTICS

U. S. D E P A R T M E N T O F L A B O R



For release 10:00 a.m. (ET) Friday, June 17, 2022

USDL-22-1177

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STATE EMPLOYMENT AND UNEMPLOYMENT — MAY 2022

Unemployment rates were lower in May in 16 states and stable in 34 states and the District of Columbia, the U.S. Bureau of Labor Statistics reported today. All 50 states and the District had jobless rate decreases from a year earlier. The national unemployment rate remained at 3.6 percent but was 2.2 percentage points lower than in May 2021.

Nonfarm payroll employment increased in 7 states, decreased in 3 states, and was essentially unchanged in 40 states and the District of Columbia in May 2022. Over the year, nonfarm payroll employment increased in 48 states and the District and was essentially unchanged in 2 states.

This news release presents statistics from two monthly programs. The civilian labor force and unemployment data are modeled based largely on a survey of households. These data pertain to individuals by where they reside. The employment data are from an establishment survey that measures nonfarm employment, hours, and earnings by industry. These data pertain to jobs on payrolls defined by where the establishments are located. For more information about the concepts and statistical methodologies used by these two programs, see the Technical Note.

Unemployment

Nebraska had the lowest jobless rate in May, 1.9 percent. The next lowest rates were in Minnesota and Utah, 2.0 percent each. The rate in Minnesota set a new series low, as did the rates in the following eight states (all state series begin in 1976): Alabama (2.7 percent), Alaska (4.7 percent), Georgia (3.0 percent), Idaho (2.5 percent), Kansas (2.3 percent), Kentucky (3.8 percent), Mississippi (4.0 percent), and West Virginia (3.5 percent). The District of Columbia had the highest unemployment rate, 5.7 percent, followed by New Mexico, 5.1 percent. In total, 18 states had unemployment rates lower than the U.S. figure of 3.6 percent, 9 states and the District had higher rates, and 23 states had rates that were not appreciably different from that of the nation. (See tables A and 1 and map 1.)

In May, 16 states had over-the-month unemployment rate decreases, the largest of which were in California, Iowa, Missouri, and Rhode Island (-0.3 percentage point each). Thirty-four states and the District of Columbia had jobless rates that were not notably different from those of a month earlier, though some had changes that were at least as large numerically as the significant changes. (See table B.)

The largest unemployment rate decrease from May 2021 occurred in California (-3.6 percentage points). The smallest over-the-year jobless rate decline occurred in Nebraska (-0.6 percentage point). (See table C.)

Nonfarm Payroll Employment

Nonfarm payroll employment increased in 7 states, decreased in 3 states, and was essentially unchanged in 40 states and the District of Columbia in May 2022. The largest job gains occurred in Texas (+74,200), California (+42,900), and New York (+26,800). The largest percentage increase occurred in West Virginia (+1.3 percent), followed by Alabama, South Carolina, and Texas (+0.6 percent each). Employment decreased in Michigan (-14,600, or -0.3 percent), Alaska (-4,400, or -1.4 percent), and Wyoming (-2,800, or -1.0 percent). (See tables D and 3.)

Over the year, nonfarm payroll employment increased in 48 states and the District of Columbia and was essentially unchanged in 2 states. The largest job increases occurred in California (+869,300), Texas (+762,400), and Florida (+468,100). The largest percentage increases occurred in Nevada (+7.1 percent), Texas (+6.1 percent), and Georgia (+5.4 percent). (See table E and map 2.)

The Metropolitan Area Employment and Unemployment news release for May is scheduled to be released on Wednesday, June 29, 2022, at 10:00 a.m. (ET). The State Employment and Unemployment news release for June is scheduled to be released on Friday, July 22, 2022, at 10:00 a.m. (ET).

Table A. States with unemployment rates significantly different from that of the U.S., May 2022, seasonally adjusted

State	Rate ^P
United States ¹	3.6
Alabama	2.7
Alaska	4.7
California	4.3
Delaware	4.5
District of Columbia	5.7
Florida	3.0
Georgia	3.0
Idaho	2.5
Illinois	4.6
Indiana	2.2
Iowa	2.7
Kansas	2.3
Minnesota	2.0
Montana	2.4
Nebraska	1.9
Nevada	4.9
New Hampshire	2.1
New Mexico	5.1
New York	4.4
North Dakota	2.6
Oklahoma	2.8
Pennsylvania	4.6
South Dakota	2.3
Texas	4.2
Utah	2.0
Vermont	2.3
Virginia	3.0
Wisconsin	2.9

¹ Data are not preliminary.^P = preliminary.

Table B. States with statistically significant unemployment rate changes from April 2022 to May 2022, seasonally adjusted

State	Rate		Over-the-month change ^P
	April 2022	May 2022 ^P	
California	4.6	4.3	-0.3
Connecticut	4.4	4.2	-.2
Iowa	3.0	2.7	-.3
Maine	3.3	3.2	-.1
Maryland	4.2	4.0	-.2
Massachusetts	4.1	3.9	-.2
Minnesota	2.2	2.0	-.2
Missouri	3.4	3.1	-.3
New Hampshire	2.3	2.1	-.2
New Jersey	4.1	3.9	-.2
New Mexico	5.3	5.1	-.2
North Dakota	2.8	2.6	-.2
Pennsylvania	4.8	4.6	-.2
Rhode Island	3.2	2.9	-.3
Texas	4.3	4.2	-.1
Vermont	2.5	2.3	-.2

^P = preliminary.

Table C. States with statistically significant unemployment rate changes from May 2021 to May 2022, seasonally adjusted

State	Rate		Over-the-year change ^P
	May 2021	May 2022 ^P	
Alabama	3.6	2.7	-0.9
Alaska	6.8	4.7	-2.1
Arizona	5.4	3.2	-2.2
Arkansas	4.4	3.2	-1.2
California	7.9	4.3	-3.6
Colorado	5.8	3.5	-2.3
Connecticut	6.7	4.2	-2.5
Delaware	5.7	4.5	-1.2
District of Columbia	6.9	5.7	-1.2
Florida	4.9	3.0	-1.9
Georgia	4.1	3.0	-1.1
Hawaii	5.9	4.2	-1.7
Idaho	3.7	2.5	-1.2
Illinois	6.5	4.6	-1.9
Indiana	4.0	2.2	-1.8
Iowa	4.5	2.7	-1.8
Kansas	3.4	2.3	-1.1
Kentucky	4.7	3.8	-.9
Louisiana	5.9	4.0	-1.9
Maine	4.9	3.2	-1.7
Maryland	5.7	4.0	-1.7
Massachusetts	5.9	3.9	-2.0
Michigan	6.2	4.3	-1.9
Minnesota	3.4	2.0	-1.4
Mississippi	6.0	4.0	-2.0
Missouri	4.5	3.1	-1.4
Montana	3.6	2.4	-1.2
Nebraska	2.5	1.9	-.6
Nevada	7.8	4.9	-2.9
New Hampshire	3.7	2.1	-1.6
New Jersey	6.6	3.9	-2.7
New Mexico	7.2	5.1	-2.1
New York	7.4	4.4	-3.0
North Carolina	5.0	3.4	-1.6
North Dakota	3.8	2.6	-1.2
Ohio	5.4	3.9	-1.5
Oklahoma	4.4	2.8	-1.6
Oregon	5.6	3.6	-2.0
Pennsylvania	6.7	4.6	-2.1
Rhode Island	6.0	2.9	-3.1
South Carolina	4.1	3.3	-.8
South Dakota	3.2	2.3	-.9
Tennessee	4.6	3.3	-1.3
Texas	5.9	4.2	-1.7
Utah	2.8	2.0	-.8
Vermont	3.6	2.3	-1.3
Virginia	4.1	3.0	-1.1
Washington	5.5	3.9	-1.6
West Virginia	5.4	3.5	-1.9
Wisconsin	4.1	2.9	-1.2
Wyoming	4.7	3.2	-1.5

^P = preliminary.

Table D. States with statistically significant employment changes from April 2022 to May 2022, seasonally adjusted

State	April 2022	May 2022 ^P	Over-the-month change ^P	
			Level	Percent
Alabama	2,067,500	2,079,600	12,100	0.6
Alaska	317,000	312,600	-4,400	-1.4
California	17,455,200	17,498,100	42,900	.2
Georgia	4,764,300	4,782,400	18,100	.4
Michigan	4,326,100	4,311,500	-14,600	-.3
New York	9,403,500	9,430,300	26,800	.3
South Carolina	2,198,700	2,211,100	12,400	.6
Texas	13,282,900	13,357,100	74,200	.6
West Virginia	701,600	710,400	8,800	1.3
Wyoming	285,600	282,800	-2,800	-1.0

^P = preliminary.

Table E. States with statistically significant employment changes from May 2021 to May 2022, seasonally adjusted

State	May 2021	May 2022 ^P	Over-the-year change ^P	
			Level	Percent
Alabama	2,034,300	2,079,600	45,300	2.2
Alaska	305,300	312,600	7,300	2.4
Arizona	2,939,200	3,047,500	108,300	3.7
Arkansas	1,274,900	1,307,500	32,600	2.6
California	16,628,800	17,498,100	869,300	5.2
Colorado	2,730,800	2,855,400	124,600	4.6
Connecticut	1,606,300	1,648,500	42,200	2.6
Delaware	447,800	457,400	9,600	2.1
District of Columbia	734,800	766,900	32,100	4.4
Florida	8,831,000	9,299,100	468,100	5.3
Georgia	4,538,300	4,782,400	244,100	5.4
Hawaii	581,300	603,100	21,800	3.8
Idaho	790,900	813,300	22,400	2.8
Illinois	5,762,800	6,012,500	249,700	4.3
Indiana	3,064,600	3,181,700	117,100	3.8
Iowa	1,530,100	1,565,000	34,900	2.3
Kentucky	1,889,100	1,937,200	48,100	2.5
Louisiana	1,869,800	1,910,400	40,600	2.2
Maine	619,800	635,100	15,300	2.5
Maryland	2,634,900	2,713,400	78,500	3.0
Massachusetts	3,489,300	3,665,900	176,600	5.1
Michigan	4,160,100	4,311,500	151,400	3.6
Minnesota	2,840,300	2,913,800	73,500	2.6
Mississippi	1,129,200	1,158,300	29,100	2.6
Missouri	2,825,500	2,897,300	71,800	2.5
Montana	489,000	504,800	15,800	3.2
Nebraska	1,004,000	1,026,200	22,200	2.2
Nevada	1,350,300	1,446,600	96,300	7.1
New Hampshire	660,400	681,000	20,600	3.1
New Jersey	3,992,800	4,199,100	206,300	5.2
New Mexico	806,100	845,200	39,100	4.9
New York	8,970,300	9,430,300	460,000	5.1
North Carolina	4,562,900	4,728,200	165,300	3.6
North Dakota	414,900	423,600	8,700	2.1
Ohio	5,358,100	5,479,500	121,400	2.3
Oklahoma	1,639,800	1,680,000	40,200	2.5
Oregon	1,861,700	1,948,000	86,300	4.6
Pennsylvania	5,723,900	5,925,500	201,600	3.5
Rhode Island	478,800	496,800	18,000	3.8
South Carolina	2,138,900	2,211,100	72,200	3.4
South Dakota	438,900	448,800	9,900	2.3
Tennessee	3,080,700	3,215,700	135,000	4.4
Texas	12,594,700	13,357,100	762,400	6.1
Utah	1,606,500	1,661,900	55,400	3.4
Vermont	293,800	299,700	5,900	2.0
Virginia	3,919,400	4,044,400	125,000	3.2
Washington	3,333,100	3,491,200	158,100	4.7
West Virginia	683,900	710,400	26,500	3.9
Wisconsin	2,878,900	2,933,400	54,500	1.9

^P = preliminary.

Technical Note

This news release presents civilian labor force and unemployment data for states and selected substate areas from the Local Area Unemployment Statistics (LAUS) program (tables 1 and 2). Also presented are nonfarm payroll employment estimates by state and industry supersector from the Current Employment Statistics (CES) program (tables 3 and 4). The LAUS and CES programs are both federal-state cooperative endeavors.

Civilian labor force and unemployment—from the LAUS program

Definitions. The civilian labor force and unemployment data are based on the same concepts and definitions as those used for the official national estimates obtained from the Current Population Survey (CPS), a sample survey of households that is conducted for the Bureau of Labor Statistics (BLS) by the U.S. Census Bureau. The LAUS program measures employed people and unemployed people on a place-of-residence basis. The universe for each is the civilian noninstitutional population 16 years of age and older. Employed people are those who did any work at all for pay or profit in the reference week (typically the week including the 12th of the month) or worked 15 hours or more without pay in a family business or farm, plus those not working who had a job from which they were temporarily absent, whether or not paid, for such reasons as bad weather, labor-management dispute, illness, or vacation.

Unemployed people are those who were not employed during the reference week (based on the definition above), had actively looked for a job sometime in the 4-week period ending with the reference week, and were currently available for work; people on layoff expecting recall need not be looking for work to be counted as unemployed. The civilian labor force is the sum of employed and unemployed people. The unemployment rate is the number of unemployed as a percent of the civilian labor force.

Method of estimation. Estimates for 48 states, the District of Columbia, the Los Angeles-Long Beach-Glendale metropolitan division, New York City, and the balances of California and New York State are produced using time-series models. This method, which underwent substantial enhancement at the beginning of 2021, utilizes data from several sources, including the CPS, the CES, and state unemployment insurance (UI) programs. Estimates for the state of California are derived by summing the estimates for the Los Angeles-Long Beach-Glendale metropolitan division and the balance of California. Similarly, estimates for New York State are derived by summing the estimates for New York City and the balance of New York State. Estimates for the five additional substate areas contained in this release (the Cleveland-Elyria and Detroit-Warren-Dearborn metropolitan areas and the Chicago-Naperville-Arlington Heights, Miami-Miami Beach-Kendall, and Seattle-Bellevue-Everett metropolitan divisions) and their respective balances of state are produced using a similar model-based approach.

Each month, estimates for the nine census divisions first are modeled using inputs from the CPS only and controlled to the

national totals. State estimates then are controlled to their respective census division totals. Substate and balance-of-state estimates for the five areas noted above also are controlled to their respective state totals. This tiered process of controlling model-based estimates to the U.S. totals is called real-time benchmarking. Estimates for Puerto Rico are derived from a monthly household survey similar to the CPS. A more detailed description of the estimation procedures is available from BLS upon request.

Annual revisions. Civilian labor force and unemployment data for prior years reflect adjustments made after the end of each year. The adjusted estimates reflect updated population data from the U.S. Census Bureau, any revisions in the other data sources, and model re-estimation. In most years, historical data for the most recent five years are revised near the beginning of each calendar year, prior to the release of January estimates. With the introduction of a new generation of time-series models in 2021, historical data were re-estimated back to the series beginnings in 1976, 1990, or 1994.

Seasonal adjustment. The LAUS models decompose the estimates of employed and unemployed people into trend, seasonal, and irregular components. The benchmarked signals of employed and unemployed people first are adjusted using an X-11 type of seasonal adjustment filter. The adjusted data then are smoothed using a Reproducing Kernel Hilbert Space (RKHS) filter. The smoothed-seasonally adjusted estimates of employed and unemployed people are summed to derive the civilian labor force, and the unemployment rate then is calculated as the unemployed percent of the civilian labor force. The resulting smoothed-seasonally adjusted unemployment rate estimates are analyzed in this news release and published on the BLS website.

During estimation for the current year, the smoothed-seasonally adjusted estimates for a given month are created using an asymmetric filter that incorporates information from previous observations only. For annual revisions, historical data are smoothed using a two-sided filter.

Area definitions. The substate area data published in this release reflect the delineations that were issued by the U.S. Office of Management and Budget on April 10, 2018. A detailed list of the geographic definitions is available online at www.bls.gov/lau/lausmsa.htm.

Employment—from the CES program

Definitions. Employment data refer to persons on establishment payrolls who receive pay for any part of the pay period that includes the 12th of the month. Persons are counted at their place of work rather than at their place of residence; those appearing on more than one payroll are counted on each payroll. Industries are classified on the basis of their principal activity in accordance with the 2017 version of the North American Industry Classification System.

Method of estimation. CES State and Area employment data are produced using several estimation procedures. Where

possible, these data are produced using a "weighted link relative" estimation technique in which a ratio of current-month weighted employment to that of the previous-month weighted employment is computed from a sample of establishments reporting for both months. The estimates of employment for the current month are then obtained by multiplying these ratios by the previous month's employment estimates. The weighted link relative technique is utilized for data series where the sample size meets certain statistical criteria. For some employment series, the estimates are produced with a model that uses direct sample estimates (described above) combined with other regressors to decrease volatility in estimation.

Annual revisions. Employment estimates are adjusted annually to a complete count of jobs, called benchmarks, derived principally from tax reports that are submitted by employers who are covered under state unemployment insurance (UI) laws. The benchmark information is used to adjust the monthly estimates between the new benchmark and the preceding one and also to establish the level of employment for the new benchmark month. Thus, the benchmarking process establishes the level of employment, and the sample is used to measure the month-to-month changes in the level for the subsequent months. Information on recent benchmark revisions is available online at www.bls.gov/web/laus/benchmark.pdf.

Seasonal adjustment. Payroll employment data are seasonally adjusted at the statewide expanded supersector level. In some cases, the seasonally adjusted payroll employment total is computed by aggregating the independently adjusted supersector series. In other cases, the seasonally adjusted payroll employment total is independently adjusted. Revisions to historical data for the most recent five years are made once a year, coincident with annual benchmark adjustments.

Payroll employment data are seasonally adjusted concurrently, using all available estimates, including those for the current month, to develop sample-based seasonal factors. Concurrent sample-based factors are created every month for the current month's preliminary estimate as well as the previous month's final estimate.

Caution on aggregating state data. State estimation procedures are designed to produce accurate data for each individual state. BLS independently develops a national employment series; state estimates are not forced to sum to national totals. Each state series is subject to larger relative sampling and nonsampling errors than the national series. Summing state estimates cumulates individual state-level errors and can cause significant distortions at an aggregate level. Due

to these statistical limitations, BLS does not compile a "sum-of-states" employment series and cautions users that such a series is subject to a relatively large and volatile error structure.

Reliability of the estimates

The estimates presented in this release are based on sample surveys, administrative data, and modeling and, thus, are subject to sampling and other types of errors. Sampling error is a measure of sampling variability—that is, variation that occurs by chance because a sample rather than the entire population is surveyed. Survey data also are subject to nonsampling errors, such as those which can be introduced into the data collection and processing operations. Estimates not directly derived from sample surveys are subject to additional errors resulting from the specific estimation processes used.

Use of error measures. Changes in state unemployment rates and state nonfarm payroll employment are cited in the analysis of this release only if they have been determined to be statistically significant at the 90-percent confidence level. Furthermore, state unemployment rates for the current month generally are cited only if they have been determined to be significantly different from the U.S. rate at the 90-percent confidence level. The underlying model-based standard error measures for unemployment rates and over-the-month and over-the-year changes in rates are available at www.bls.gov/lau/lastderr.htm. The underlying standard error measures for 1-month, 3-month, and 12-month changes in payroll employment data at the total nonfarm and supersector levels for states, and total nonfarm level for metropolitan areas and divisions, are available at www.bls.gov/web/laus/790stderr.htm. Measures of nonsampling error are not available.

Additional information

Estimates of civilian labor force and unemployment from the LAUS program, as well as nonfarm payroll employment from the CES program, for metropolitan areas and metropolitan divisions are available in the news release Metropolitan Area Employment and Unemployment. Estimates of civilian labor force, employed people, unemployed people, and unemployment rates for approximately 7,500 subnational areas are available online at www.bls.gov/lau/. Employment data from the CES program for states and metropolitan areas are available online at www.bls.gov/sae/. If you are deaf, hard of hearing, or have a speech disability, please dial 7-1-1 to access telecommunications relay services.

**LABOR FORCE DATA
SEASONALLY ADJUSTED**

Table 1. Civilian labor force and unemployment by state and selected area, seasonally adjusted

State and area	Civilian labor force				Unemployed							
	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p	Number				Percent of labor force			
					May 2021	Mar. 2022	Apr. 2022	May 2022 ^p	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p
Alabama.....	2,249,901	2,270,352	2,276,371	2,284,598	80,191	65,441	63,184	61,621	3.6	2.9	2.8	2.7
Alaska.....	353,153	361,580	361,817	362,605	24,073	17,891	17,442	16,927	6.8	4.9	4.8	4.7
Arizona.....	3,519,581	3,548,670	3,556,902	3,569,593	190,262	116,770	114,949	115,188	5.4	3.3	3.2	3.2
Arkansas.....	1,332,758	1,343,906	1,349,553	1,352,098	58,102	41,456	42,593	42,771	4.4	3.1	3.2	3.2
California.....	18,913,379	19,124,991	19,229,150	19,304,237	1,498,630	926,932	880,957	835,058	7.9	4.8	4.6	4.3
Los Angeles-Long Beach-Glendale ¹	5,017,591	5,017,847	5,043,563	5,057,502	489,104	284,926	274,680	264,204	9.7	5.7	5.4	5.2
Colorado.....	3,154,026	3,211,977	3,225,366	3,240,739	182,576	118,501	116,483	114,670	5.8	3.7	3.6	3.5
Connecticut.....	1,853,898	1,879,286	1,887,900	1,895,140	123,659	86,057	83,700	78,732	6.7	4.6	4.4	4.2
Delaware.....	497,969	498,591	498,950	500,114	28,314	22,586	22,440	22,636	5.7	4.5	4.5	4.5
District of Columbia.....	380,511	385,347	385,597	386,440	26,401	23,006	22,208	21,909	6.9	6.0	5.8	5.7
Florida.....	10,279,255	10,512,852	10,542,655	10,592,472	499,324	339,001	320,946	312,812	4.9	3.2	3.0	3.0
Miami-Miami Beach-Kendall ¹	1,305,837	1,333,031	1,333,522	1,337,100	74,386	44,961	41,505	40,188	5.7	3.4	3.1	3.0
Georgia.....	5,181,417	5,251,132	5,267,587	5,281,828	213,909	165,064	160,871	157,542	4.1	3.1	3.1	3.0
Hawaii.....	668,460	672,259	673,630	675,852	39,146	27,322	27,953	28,256	5.9	4.1	4.1	4.2
Idaho.....	915,795	932,253	937,017	943,390	34,306	24,709	24,055	23,605	3.7	2.7	2.6	2.5
Illinois.....	6,307,602	6,430,581	6,449,597	6,464,985	408,522	299,073	296,272	297,757	6.5	4.7	4.6	4.6
Chicago-Naperville-Arlington Heights ¹	3,696,956	3,804,171	3,820,006	3,830,386	259,367	180,621	174,991	170,925	7.0	4.7	4.6	4.5
Indiana.....	3,339,151	3,332,430	3,347,991	3,364,365	133,641	72,020	72,298	73,911	4.0	2.2	2.2	2.2
Iowa.....	1,679,868	1,692,417	1,697,705	1,703,947	74,950	55,589	50,875	46,771	4.5	3.3	3.0	2.7
Kansas.....	1,497,684	1,498,917	1,501,739	1,505,575	51,412	36,106	35,330	35,359	3.4	2.4	2.4	2.3
Kentucky.....	2,032,018	2,060,196	2,062,849	2,064,679	95,512	82,249	79,862	78,893	4.7	4.0	3.9	3.8
Louisiana.....	2,069,990	2,089,736	2,100,393	2,107,341	122,739	87,778	86,764	83,483	5.9	4.2	4.1	4.0
Maine.....	684,920	679,447	678,788	679,101	33,246	24,763	22,620	21,537	4.9	3.6	3.3	3.2
Maryland.....	3,161,565	3,198,014	3,196,817	3,203,076	180,104	148,126	133,390	127,512	5.7	4.6	4.2	4.0
Massachusetts.....	3,747,620	3,775,148	3,775,535	3,775,738	222,802	160,483	153,856	146,201	5.9	4.3	4.1	3.9
Michigan.....	4,771,544	4,818,938	4,833,339	4,849,351	297,888	214,351	208,977	207,270	6.2	4.4	4.3	4.3
Detroit-Warren-Dearborn ²	2,111,596	2,145,212	2,148,086	2,146,718	140,990	100,959	98,602	98,006	6.7	4.7	4.6	4.6
Minnesota.....	3,012,884	3,071,742	3,080,002	3,086,907	102,674	75,735	67,640	61,551	3.4	2.5	2.2	2.0
Mississippi.....	1,258,053	1,259,543	1,264,202	1,267,649	75,939	52,855	51,649	50,087	6.0	4.2	4.1	4.0
Missouri.....	3,059,440	3,087,818	3,091,654	3,088,085	138,980	109,993	103,605	96,446	4.5	3.6	3.4	3.1
Montana.....	548,768	558,438	560,660	562,828	19,904	13,097	13,130	13,739	3.6	2.3	2.3	2.4
Nebraska.....	1,046,228	1,058,943	1,060,739	1,062,678	26,565	21,132	20,422	19,916	2.5	2.0	1.9	1.9
Nevada.....	1,511,383	1,503,210	1,508,783	1,515,764	118,627	75,505	75,559	74,171	7.8	5.0	5.0	4.9
New Hampshire.....	756,674	758,614	759,932	762,367	27,739	18,586	17,496	16,280	3.7	2.4	2.3	2.1
New Jersey.....	4,672,304	4,617,907	4,634,049	4,648,563	310,320	192,484	189,419	181,724	6.6	4.2	4.1	3.9
New Mexico.....	943,858	948,239	949,673	951,866	67,698	50,358	50,070	48,385	7.2	5.3	5.3	5.1
New York.....	9,519,849	9,373,155	9,404,038	9,457,848	702,054	428,661	422,054	414,806	7.4	4.6	4.5	4.4
New York City.....	4,106,723	3,965,143	3,972,531	3,989,871	423,070	254,950	252,435	245,690	10.3	6.4	6.4	6.2
North Carolina.....	4,945,544	5,030,509	5,056,492	5,087,550	247,291	177,265	173,331	170,970	5.0	3.5	3.4	3.4
North Dakota.....	405,568	409,961	410,859	410,871	15,376	11,715	11,326	10,756	3.8	2.9	2.8	2.6
Ohio.....	5,746,415	5,763,350	5,773,484	5,792,221	312,200	236,765	232,934	226,347	5.4	4.1	4.0	3.9
Cleveland-Elyria ²	1,010,020	1,017,687	1,015,634	1,017,461	61,539	55,006	55,824	56,450	6.1	5.4	5.5	5.5
Oklahoma.....	1,860,707	1,862,191	1,868,236	1,875,037	81,623	49,447	51,072	52,013	4.4	2.7	2.7	2.8
Oregon.....	2,147,616	2,183,443	2,193,742	2,202,820	119,445	81,986	80,762	78,641	5.6	3.8	3.7	3.6
Pennsylvania.....	6,435,030	6,387,373	6,409,766	6,439,727	431,493	312,885	308,250	297,505	6.7	4.9	4.8	4.6
Rhode Island.....	572,637	568,894	569,045	570,102	34,322	19,568	18,034	16,492	6.0	3.4	3.2	2.9
South Carolina.....	2,364,470	2,384,346	2,391,819	2,401,251	97,924	80,747	79,165	79,162	4.1	3.4	3.3	3.3
South Dakota.....	467,651	472,682	473,832	475,729	14,937	11,637	11,047	10,721	3.2	2.5	2.3	2.3
Tennessee.....	3,324,202	3,370,646	3,388,428	3,405,582	152,032	109,018	109,562	112,018	4.6	3.2	3.2	3.3
Texas.....	14,194,328	14,414,296	14,459,425	14,516,071	840,528	634,543	620,722	608,248	5.9	4.4	4.3	4.2
Utah.....	1,678,424	1,705,518	1,714,407	1,722,848	47,578	33,350	33,231	34,061	2.8	2.0	1.9	2.0
Vermont.....	328,514	331,430	332,746	333,575	11,797	8,781	8,208	7,560	3.6	2.6	2.5	2.3
Virginia.....	4,269,959	4,311,626	4,330,002	4,347,177	176,497	131,095	129,800	128,841	4.1	3.0	3.0	3.0
Washington.....	3,894,512	4,002,973	4,023,291	4,036,317	213,162	165,762	162,991	158,902	5.5	4.1	4.1	3.9
Seattle-Bellevue-Everett ¹	1,707,325	1,753,183	1,765,041	1,776,181	81,122	54,654	51,580	48,344	4.8	3.1	2.9	2.7
West Virginia.....	788,988	794,227	794,631	795,826	42,710	29,068	28,427	27,913	5.4	3.7	3.6	3.5
Wisconsin.....	3,139,516	3,144,736	3,147,274	3,149,219	129,623	88,526	89,265	89,892	4.1	2.8	2.8	2.9
Wyoming.....	290,753	290,379	290,691	290,851	13,650	9,867	9,591	9,228	4.7	3.4	3.3	3.2
Puerto Rico.....	1,161,339	1,216,611	1,215,196	1,209,496	93,961	79,670	77,561	75,409	8.1	6.5	6.4	6.2

¹ Metropolitan division.

² Metropolitan statistical area.

^p Preliminary

NOTE: Data refer to place of residence. Data for Puerto Rico are derived from a monthly household survey similar to the Current Population Survey. Area definitions are based on Office of Management and Budget Bulletin No. 18-03, dated April 10, 2018, and are available on the BLS website at <https://www.bls.gov/lau/lausmsa.htm>. Estimates for the latest month are subject to revision the following month.

**LABOR FORCE DATA
NOT SEASONALLY ADJUSTED**

Table 2. Civilian labor force and unemployment by state and selected area, not seasonally adjusted

State and area	Civilian labor force				Unemployed							
	April		May		Number				Percent of labor force			
					April		May		April		May	
	2021	2022	2021	2022 ^p	2021	2022	2021	2022 ^p	2021	2022	2021	2022 ^p
Alabama.....	2,251,429	2,270,020	2,245,174	2,287,561	74,298	47,347	74,877	55,583	3.3	2.1	3.3	2.4
Alaska.....	350,052	355,623	353,172	363,147	26,304	17,096	24,513	16,445	7.5	4.8	6.9	4.5
Arizona.....	3,500,887	3,557,044	3,507,279	3,577,887	193,423	112,620	186,725	121,259	5.5	3.2	5.3	3.4
Arkansas.....	1,334,092	1,356,952	1,332,958	1,349,838	55,656	43,185	57,708	43,086	4.2	3.2	4.3	3.2
California.....	18,761,567	19,193,263	18,828,637	19,191,171	1,557,726	739,100	1,425,500	660,683	8.3	3.9	7.6	3.4
Los Angeles-Long Beach-Glendale ¹	4,996,030	5,029,473	4,997,191	5,007,371	512,281	238,435	475,128	222,932	10.3	4.7	9.5	4.5
Colorado.....	3,133,047	3,199,330	3,133,677	3,221,916	191,157	100,770	178,715	97,974	6.1	3.1	5.7	3.0
Connecticut.....	1,834,134	1,863,480	1,849,338	1,902,331	125,066	69,772	122,689	75,471	6.8	3.7	6.6	4.0
Delaware.....	497,578	498,246	493,440	497,708	28,218	21,889	25,756	21,153	5.7	4.4	5.2	4.3
District of Columbia.....	375,753	382,763	377,895	381,665	24,244	17,579	25,128	18,499	6.5	4.6	6.6	4.8
Florida.....	10,204,811	10,561,376	10,259,531	10,626,655	500,120	255,294	478,300	262,604	4.9	2.4	4.7	2.5
Miami-Miami Beach-Kendall ¹	1,305,004	1,324,621	1,306,071	1,323,557	79,326	33,709	72,980	30,777	6.1	2.5	5.6	2.3
Georgia.....	5,168,390	5,255,716	5,156,490	5,264,615	211,587	129,190	205,587	143,431	4.1	2.5	4.0	2.7
Hawaii.....	662,973	669,449	663,437	671,217	38,280	23,757	36,967	24,099	5.8	3.5	5.6	3.6
Idaho.....	909,676	940,633	913,151	954,557	35,918	24,026	30,783	22,245	3.9	2.6	3.4	2.3
Illinois.....	6,274,112	6,395,130	6,270,475	6,410,990	403,173	281,907	383,240	291,360	6.4	4.4	6.1	4.5
Chicago-Naperville-Arlington Heights ¹	3,672,195	3,790,709	3,676,255	3,799,779	255,239	153,901	250,106	159,840	7.0	4.1	6.8	4.2
Indiana.....	3,330,221	3,358,719	3,343,134	3,383,096	131,119	72,856	133,807	84,659	3.9	2.2	4.0	2.5
Iowa.....	1,669,848	1,694,876	1,666,672	1,697,426	74,311	37,942	73,064	38,095	4.5	2.2	4.4	2.2
Kansas.....	1,486,869	1,498,088	1,489,425	1,501,058	47,838	30,948	49,645	37,185	3.2	2.1	3.3	2.5
Kentucky.....	2,024,226	2,055,824	2,024,983	2,053,474	87,655	70,356	88,132	78,234	4.3	3.4	4.4	3.8
Louisiana.....	2,063,696	2,097,473	2,065,533	2,096,032	121,093	73,892	125,435	75,963	5.9	3.5	6.1	3.6
Maine.....	678,991	668,409	679,137	671,656	35,957	20,676	33,897	20,430	5.3	3.1	5.0	3.0
Maryland.....	3,146,253	3,180,340	3,155,946	3,186,115	180,329	109,266	189,375	118,319	5.7	3.4	6.0	3.7
Massachusetts.....	3,723,599	3,721,397	3,721,759	3,724,158	225,995	123,979	214,939	125,650	6.1	3.3	5.8	3.4
Michigan.....	4,722,624	4,811,580	4,760,352	4,859,142	292,258	204,162	299,634	224,726	6.2	4.2	6.3	4.6
Detroit-Warren-Dearborn ²	2,077,632	2,111,390	2,087,633	2,100,384	133,137	89,067	136,547	102,663	6.4	4.2	6.5	4.9
Minnesota.....	3,008,051	3,070,414	3,011,123	3,079,653	112,354	50,033	96,378	49,627	3.7	1.6	3.2	1.6
Mississippi.....	1,255,816	1,266,296	1,258,776	1,265,270	73,728	45,475	74,633	47,453	5.9	3.6	5.9	3.8
Missouri.....	3,058,002	3,066,158	3,074,133	3,064,270	137,983	74,825	144,893	85,093	4.5	2.4	4.7	2.8
Montana.....	545,094	562,293	548,007	564,304	19,602	15,048	16,957	14,267	3.6	2.7	3.1	2.5
Nebraska.....	1,043,501	1,063,146	1,048,243	1,065,346	26,772	20,135	25,804	20,754	2.6	1.9	2.5	1.9
Nevada.....	1,512,277	1,512,571	1,507,577	1,527,840	130,043	67,574	115,290	71,210	8.6	4.5	7.6	4.7
New Hampshire.....	751,084	753,828	749,280	758,425	29,221	16,483	26,206	13,745	3.9	2.2	3.5	1.8
New Jersey.....	4,641,403	4,629,212	4,643,132	4,640,560	311,651	164,782	304,159	158,568	6.7	3.6	6.6	3.4
New Mexico.....	938,964	939,851	936,684	939,884	66,553	41,565	64,745	38,605	7.1	4.4	6.9	4.1
New York.....	9,509,804	9,397,450	9,445,614	9,505,044	731,672	391,014	664,822	388,841	7.7	4.2	7.0	4.1
New York City.....	4,131,468	3,945,506	4,063,769	3,978,231	451,798	227,067	412,734	225,717	10.9	5.8	10.2	5.7
North Carolina.....	4,926,336	5,101,667	4,934,701	5,137,361	246,840	175,230	254,917	187,438	5.0	3.4	5.2	3.6
North Dakota.....	404,117	407,323	406,217	410,111	17,092	10,257	13,308	8,477	4.2	2.5	3.3	2.1
Ohio.....	5,706,814	5,743,337	5,707,226	5,791,056	316,026	210,042	292,024	207,106	5.5	3.7	5.1	3.6
Cleveland-Elyria ²	1,004,045	1,007,108	1,007,082	1,023,578	60,702	54,582	60,811	56,475	6.0	5.4	6.0	5.5
Oklahoma.....	1,850,570	1,862,456	1,858,008	1,880,722	82,796	51,712	80,335	54,110	4.5	2.8	4.3	2.9
Oregon.....	2,144,560	2,200,292	2,137,793	2,198,475	124,077	78,006	114,632	67,659	5.8	3.5	5.4	3.1
Pennsylvania.....	6,375,823	6,380,661	6,417,742	6,473,765	417,322	267,804	420,388	261,766	6.5	4.2	6.6	4.0
Rhode Island.....	564,441	563,534	568,432	567,715	31,250	15,541	33,758	15,274	5.5	2.8	5.9	2.7
South Carolina.....	2,350,961	2,399,901	2,356,375	2,410,644	89,231	62,843	85,924	74,984	3.8	2.6	3.6	3.1
South Dakota.....	465,136	473,470	467,977	478,707	15,263	10,613	14,078	10,257	3.3	2.2	3.0	2.1
Tennessee.....	3,304,662	3,410,677	3,304,861	3,409,034	146,548	104,635	140,659	115,570	4.4	3.1	4.3	3.4
Texas.....	14,150,421	14,462,598	14,123,599	14,500,613	836,773	530,006	798,571	554,136	5.9	3.7	5.7	3.8
Utah.....	1,664,386	1,724,371	1,670,701	1,725,329	48,602	34,986	44,553	37,570	2.9	2.0	2.7	2.2
Vermont.....	325,980	330,662	326,485	331,358	13,963	7,821	10,783	7,119	4.3	2.4	3.3	2.1
Virginia.....	4,255,479	4,331,733	4,260,580	4,344,221	167,671	109,730	175,213	129,579	3.9	2.5	4.1	3.0
Washington.....	3,858,704	4,013,550	3,865,117	4,012,156	207,713	140,798	197,360	145,249	5.4	3.5	5.1	3.6
Seattle-Bellevue-Everett ¹	1,701,776	1,780,579	1,696,397	1,787,541	77,294	35,421	75,729	40,833	4.5	2.0	4.5	2.3
West Virginia.....	786,589	791,318	787,055	797,630	44,637	28,680	40,793	27,475	5.7	3.6	5.2	3.4
Wisconsin.....	3,115,077	3,117,087	3,119,519	3,115,850	132,859	95,092	126,939	89,868	4.3	3.1	4.1	2.9
Wyoming.....	287,973	287,798	289,009	288,435	14,307	10,035	13,712	8,889	5.0	3.5	4.7	3.1
Puerto Rico.....	1,165,496	1,205,021	1,174,427	1,194,153	82,608	70,056	94,868	69,981	7.1	5.8	8.1	5.9

¹ Metropolitan division.

² Metropolitan statistical area.

^p Preliminary

NOTE: Data refer to place of residence. Data for Puerto Rico are derived from a monthly household survey similar to the Current Population Survey. Area definitions are based on Office of Management and Budget Bulletin No. 18-03, dated April 10, 2018, and are available on the BLS website at <https://www.bls.gov/lau/lausmsa.htm>. Estimates for the latest month are subject to revision the following month.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**
Table 3. Employees on nonfarm payrolls by state and selected industry sector, seasonally adjusted
 [In thousands]

State	Total ¹				Construction				Manufacturing			
	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p
Alabama.....	2,034.3	2,066.9	2,067.5	2,079.6	93.4	98.7	98.7	99.7	262.8	266.6	267.9	268.2
Alaska.....	305.3	316.9	317.0	312.6	15.8	16.8	16.8	17.0	12.1	11.1	11.6	11.4
Arizona.....	2,939.2	3,028.8	3,041.7	3,047.5	176.9	181.9	180.8	180.8	179.9	186.1	189.5	188.8
Arkansas.....	1,274.9	1,308.8	1,309.8	1,307.5	55.3	55.2	53.5	53.3	156.5	162.2	162.7	162.8
California.....	16,628.8	17,410.6	17,455.2	17,498.1	883.8	915.9	904.5	911.6	1,272.6	1,299.1	1,304.0	1,307.7
Colorado.....	2,730.8	2,834.0	2,850.0	2,855.4	177.4	182.1	186.1	186.3	148.1	154.4	153.7	154.7
Connecticut.....	1,606.3	1,645.5	1,646.9	1,648.5	58.7	62.3	62.7	61.4	153.1	158.3	159.2	159.0
Delaware ²	447.8	456.0	457.0	457.4	22.9	23.8	24.2	24.0	24.4	25.8	26.2	26.3
District of Columbia ²	734.8	763.7	765.9	766.9	14.9	15.2	15.3	15.3	1.1	1.1	1.1	1.1
Florida.....	8,831.0	9,234.0	9,287.9	9,299.1	575.2	588.6	592.7	588.7	385.0	404.7	406.0	410.3
Georgia.....	4,538.3	4,746.5	4,764.3	4,782.4	204.3	204.6	203.0	204.0	389.7	409.4	409.2	409.6
Hawaii ²	581.3	601.5	604.6	603.1	37.3	36.6	36.0	35.7	11.9	12.5	12.5	12.5
Idaho.....	790.9	812.5	815.2	813.3	60.2	60.9	61.0	61.0	70.2	71.8	72.1	72.2
Illinois.....	5,762.8	5,993.3	5,999.7	6,012.5	221.8	222.0	224.9	227.5	547.0	566.4	571.2	571.7
Indiana.....	3,064.6	3,172.4	3,173.1	3,181.7	148.7	160.8	159.8	159.1	520.5	539.4	541.5	543.9
Iowa.....	1,530.1	1,562.4	1,565.5	1,565.0	77.4	80.2	81.0	78.9	217.3	223.4	224.4	225.4
Kansas.....	1,374.4	1,392.9	1,393.9	1,392.8	63.5	67.6	68.0	67.6	159.6	165.0	165.8	166.1
Kentucky.....	1,889.1	1,940.6	1,942.7	1,937.2	79.0	77.9	76.4	76.7	242.8	237.4	243.2	240.4
Louisiana.....	1,869.8	1,906.5	1,908.9	1,910.4	127.4	134.4	134.2	133.7	128.5	133.8	133.4	134.2
Maine.....	619.8	639.5	638.0	635.1	31.5	32.3	32.0	31.7	53.9	55.3	55.0	54.3
Maryland.....	2,634.9	2,703.8	2,702.9	2,713.4	160.2	162.5	161.7	163.1	108.3	109.5	110.6	110.6
Massachusetts.....	3,489.3	3,651.6	3,660.4	3,665.9	162.9	172.4	172.9	172.0	231.4	238.0	241.0	241.1
Michigan.....	4,160.1	4,327.2	4,326.1	4,311.5	175.8	179.9	179.3	176.2	573.5	603.4	602.7	600.4
Minnesota.....	2,840.3	2,895.5	2,907.2	2,913.8	130.8	128.6	127.8	131.9	311.0	324.3	326.2	327.3
Mississippi.....	1,129.2	1,157.6	1,157.0	1,158.3	44.2	47.4	47.0	47.2	141.7	149.7	150.8	151.0
Missouri.....	2,825.5	2,904.6	2,900.4	2,897.3	131.8	139.7	139.7	139.9	267.8	270.6	271.0	272.8
Montana.....	489.0	505.2	506.7	504.8	32.6	34.5	34.6	34.0	21.2	22.6	22.8	22.7
Nebraska.....	1,004.0	1,026.0	1,027.7	1,026.2	55.8	57.4	57.6	56.7	98.7	101.4	101.1	100.8
Nevada.....	1,350.3	1,440.3	1,444.0	1,446.6	97.7	99.4	100.1	100.3	60.1	63.9	64.3	64.7
New Hampshire.....	660.4	680.0	683.7	681.0	28.8	30.9	31.3	31.1	67.4	68.6	68.6	68.8
New Jersey.....	3,992.8	4,176.7	4,192.4	4,199.1	156.5	162.2	158.6	157.3	240.1	244.5	246.0	244.7
New Mexico.....	806.1	845.1	846.8	845.2	46.9	52.4	52.3	52.9	27.3	29.5	29.6	29.7
New York.....	8,970.3	9,372.2	9,403.5	9,430.3	373.1	379.9	380.1	375.0	406.2	418.1	418.3	419.4
North Carolina.....	4,562.9	4,717.8	4,721.2	4,728.2	238.4	244.2	239.4	240.6	460.9	471.5	472.8	476.5
North Dakota.....	414.9	425.5	425.1	423.6	25.5	26.8	26.5	25.7	26.0	27.0	26.9	27.0
Ohio.....	5,358.1	5,464.4	5,474.7	5,479.5	221.5	234.3	236.7	233.0	662.4	678.9	682.2	680.4
Oklahoma.....	1,639.8	1,675.7	1,676.3	1,680.0	78.4	78.4	78.6	78.9	128.5	132.4	131.8	132.6
Oregon.....	1,861.7	1,937.6	1,941.8	1,948.0	110.3	117.3	117.7	116.6	186.2	194.1	195.7	196.5
Pennsylvania.....	5,723.9	5,906.4	5,918.6	5,925.5	253.0	252.5	251.2	251.5	540.0	557.6	562.3	562.7
Rhode Island.....	478.8	493.1	495.9	496.8	19.9	21.6	21.7	21.9	38.9	39.9	40.0	40.1
South Carolina.....	2,138.9	2,191.9	2,198.7	2,211.1	104.0	105.8	104.0	104.4	247.0	255.3	256.3	258.5
South Dakota.....	438.9	445.6	447.6	448.8	25.3	26.6	26.7	26.7	43.5	44.0	43.7	43.7
Tennessee.....	3,080.7	3,203.7	3,212.0	3,215.7	134.0	144.1	145.6	148.2	346.9	358.4	359.0	358.7
Texas.....	12,594.7	13,221.7	13,282.9	13,357.1	729.2	766.7	773.2	783.8	868.4	903.7	909.1	915.3
Utah.....	1,606.5	1,654.5	1,658.9	1,661.9	121.5	128.7	130.0	129.9	144.6	149.7	149.7	149.9
Vermont.....	293.8	300.7	300.2	299.7	15.4	15.8	15.7	15.3	28.6	29.0	29.0	29.3
Virginia.....	3,919.4	4,024.2	4,037.4	4,044.4	206.1	207.1	206.2	205.1	236.5	235.6	235.8	237.1
Washington.....	3,333.1	3,475.9	3,493.5	3,491.2	222.2	230.8	231.6	232.4	257.7	263.9	265.4	266.9
West Virginia.....	683.9	698.8	701.6	710.4	30.0	32.0	32.6	33.0	45.3	46.4	46.7	46.4
Wisconsin.....	2,878.9	2,927.7	2,931.2	2,933.4	126.7	130.8	130.3	128.6	463.8	477.2	476.5	475.3
Wyoming.....	277.4	285.3	285.6	282.8	20.7	23.1	23.0	22.3	9.8	9.9	9.9	9.9
Puerto Rico.....	864.3	910.2	914.2	915.8	28.2	30.8	30.9	31.0	76.3	82.5	82.8	82.8
Virgin Islands ³	34.9	35.2	35.2	35.3	2.5	2.3	2.4	2.4	-	-	-	-

¹ Includes mining and logging, information, and other services (except public administration), not shown separately.

² Mining and logging is combined with construction.

³ Missing series (denoted by '-') are not published seasonally adjusted because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

^p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2021 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**
Table 3. Employees on nonfarm payrolls by state and selected industry sector, seasonally adjusted-Continued
 [In thousands]

State	Trade, transportation, and utilities				Financial activities				Professional and business services			
	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p
Alabama.....	393.2	404.4	403.3	401.0	98.4	97.1	97.1	97.6	251.7	252.8	252.6	259.1
Alaska.....	59.0	63.3	62.8	60.9	10.8	11.2	11.2	11.3	26.2	26.9	26.7	26.7
Arizona.....	577.4	607.3	606.3	603.7	245.6	245.0	244.7	245.0	445.1	452.1	451.8	452.1
Arkansas.....	253.3	267.7	267.7	265.3	65.9	66.2	66.6	67.5	145.2	148.9	147.6	149.4
California.....	3,020.6	3,134.7	3,146.4	3,142.7	823.1	833.9	836.9	836.4	2,698.8	2,805.5	2,818.3	2,821.0
Colorado.....	483.7	498.5	503.1	500.4	177.7	181.0	180.8	180.7	449.8	475.2	478.5	481.5
Connecticut.....	289.7	296.3	294.9	295.3	117.8	117.9	118.1	118.4	213.5	215.8	215.8	217.2
Delaware.....	80.6	83.1	83.4	82.9	47.3	47.5	47.4	47.3	62.7	63.7	63.0	63.2
District of Columbia.....	28.9	30.1	30.1	30.0	28.2	27.5	27.4	27.4	165.5	174.2	174.1	173.3
Florida.....	1,825.9	1,921.3	1,934.1	1,935.9	616.9	647.3	653.8	651.7	1,439.1	1,522.0	1,525.4	1,534.0
Georgia.....	956.2	1,001.2	1,010.4	1,012.0	256.5	266.4	267.4	268.0	729.7	782.6	785.7	787.4
Hawaii.....	108.4	112.2	111.6	111.1	27.0	26.2	26.3	25.7	68.0	68.6	68.9	68.9
Idaho.....	157.2	163.3	164.0	163.4	38.9	40.1	39.6	38.9	103.3	105.1	105.9	106.5
Illinois.....	1,173.2	1,220.0	1,215.9	1,215.1	406.1	409.8	407.5	408.3	919.7	975.4	963.2	963.2
Indiana.....	604.9	625.7	626.0	626.0	144.1	148.7	149.0	149.2	342.8	364.7	363.1	365.1
Iowa.....	307.0	315.0	313.7	312.8	109.3	108.0	108.0	109.3	139.7	140.2	140.7	140.3
Kansas.....	265.1	270.8	271.0	269.8	76.7	74.1	74.2	72.9	171.5	173.3	171.1	172.6
Kentucky.....	409.5	427.2	423.8	420.0	95.8	96.5	97.3	96.2	220.3	227.4	228.8	231.6
Louisiana.....	365.1	369.7	370.4	369.2	89.0	89.4	88.5	89.1	211.1	221.7	219.4	220.3
Maine.....	116.9	119.4	118.2	117.4	33.0	32.9	33.2	32.6	72.3	74.4	73.8	74.4
Maryland.....	465.1	481.4	479.4	479.2	138.5	134.9	135.1	136.1	457.8	468.5	469.3	469.6
Massachusetts.....	551.1	569.4	571.0	570.2	221.0	217.3	216.4	216.8	602.4	633.3	633.5	631.7
Michigan.....	775.1	800.9	800.8	800.1	232.6	236.6	235.9	234.8	623.8	654.6	653.6	654.1
Minnesota.....	510.9	519.4	518.5	518.8	191.3	189.0	192.5	192.6	374.8	379.8	383.3	385.8
Mississippi.....	234.9	240.1	240.9	238.6	42.4	43.0	43.5	44.2	114.6	115.6	113.7	116.8
Missouri.....	540.7	555.5	554.4	549.3	178.9	177.0	176.7	176.5	372.1	392.5	393.5	397.0
Montana.....	96.2	99.3	99.9	98.8	27.0	27.5	27.7	27.4	46.4	48.0	48.0	48.6
Nebraska.....	193.5	199.1	199.3	198.2	72.9	71.6	72.1	72.2	117.0	120.0	120.2	120.8
Nevada.....	274.1	289.6	290.7	291.0	69.5	72.6	73.2	73.1	186.6	205.1	206.2	204.3
New Hampshire.....	138.7	141.1	140.7	139.9	34.6	34.8	34.9	34.9	86.8	93.7	94.1	93.9
New Jersey.....	862.7	901.7	904.4	904.3	251.3	258.0	258.8	261.4	679.9	711.2	712.2	712.3
New Mexico.....	134.8	139.6	139.5	138.3	33.5	34.3	33.6	32.9	110.8	114.5	115.7	116.2
New York.....	1,415.7	1,472.2	1,472.3	1,471.6	703.1	708.3	709.1	711.0	1,271.8	1,330.5	1,338.5	1,350.6
North Carolina.....	889.6	905.7	903.5	899.2	271.4	282.0	283.7	285.9	670.3	710.0	712.4	713.6
North Dakota.....	88.8	90.8	90.9	91.4	24.5	24.4	24.6	24.2	32.5	34.4	34.2	33.8
Ohio.....	1,029.9	1,056.4	1,054.5	1,056.2	307.7	308.8	307.8	307.8	718.3	729.5	728.8	723.9
Oklahoma.....	312.3	325.2	323.4	322.9	77.8	81.0	80.7	81.3	190.0	195.5	197.6	198.1
Oregon.....	361.0	367.9	367.3	369.2	103.7	106.8	106.4	106.8	249.8	257.3	258.7	259.4
Pennsylvania.....	1,097.3	1,153.3	1,151.6	1,143.4	327.2	329.5	330.1	330.6	795.1	819.7	821.2	820.0
Rhode Island.....	75.1	77.5	77.6	77.2	34.6	34.6	34.2	34.0	68.6	69.0	69.4	69.7
South Carolina.....	413.3	429.2	431.3	431.8	108.8	112.7	115.2	115.5	294.9	300.6	298.4	299.6
South Dakota.....	86.5	87.4	87.0	87.2	28.1	27.9	28.0	27.8	34.8	34.2	35.0	35.9
Tennessee.....	646.2	674.9	673.0	672.5	171.7	177.3	177.6	176.1	435.9	449.7	453.0	453.0
Texas.....	2,550.7	2,667.0	2,675.9	2,687.6	824.3	878.1	886.4	888.5	1,877.8	1,989.0	1,990.8	2,006.1
Utah.....	305.2	318.4	318.6	315.2	97.3	97.5	96.4	96.9	233.9	232.5	233.3	232.6
Vermont.....	51.4	51.8	51.1	50.5	11.8	12.1	11.8	11.9	29.8	30.3	30.2	29.8
Virginia.....	653.3	665.5	662.6	662.0	209.9	207.4	207.5	205.7	775.5	790.0	790.7	788.0
Washington.....	650.2	667.3	669.0	663.9	159.6	165.7	165.4	165.3	443.5	469.3	476.6	472.8
West Virginia.....	122.5	126.1	126.0	125.2	29.3	30.1	30.1	30.3	67.7	70.4	71.2	71.1
Wisconsin.....	533.6	540.4	541.4	541.6	154.7	154.6	153.5	153.5	318.2	321.9	322.1	324.5
Wyoming.....	51.0	52.1	51.9	51.2	11.2	11.3	11.2	11.1	19.5	20.7	20.5	20.6
Puerto Rico.....	174.5	184.0	183.7	183.0	44.0	45.1	45.3	45.6	126.6	136.7	139.0	140.9
Virgin Islands ¹	6.5	6.6	6.6	6.6	—	—	—	—	—	—	—	—

¹ Missing series (denoted by '-') are not published seasonally adjusted because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2021 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

Table 3. Employees on nonfarm payrolls by state and selected industry sector, seasonally adjusted-Continued
[In thousands]

State	Education and health services				Leisure and hospitality				Government			
	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p	May 2021	Mar. 2022	Apr. 2022	May 2022 ^p
Alabama.....	240.1	241.2	242.0	242.3	184.2	193.0	193.2	193.0	387.7	385.9	386.6	392.1
Alaska.....	50.6	50.4	50.7	50.9	28.7	33.5	33.6	31.0	76.9	77.0	76.9	76.4
Arizona.....	462.9	473.3	476.1	477.9	299.7	323.0	328.6	334.2	403.5	405.9	406.6	407.0
Arkansas.....	195.0	195.0	197.2	194.8	113.3	121.5	121.7	121.1	206.6	208.7	208.8	209.1
California.....	2,799.0	2,893.1	2,894.4	2,902.4	1,600.5	1,861.9	1,878.5	1,887.3	2,448.1	2,510.6	2,513.9	2,518.5
Colorado.....	347.6	350.7	350.7	351.2	303.3	334.3	339.3	341.1	434.4	442.3	442.0	442.2
Connecticut.....	332.6	334.4	334.0	334.8	130.7	144.5	147.7	148.2	222.5	224.6	223.8	222.5
Delaware.....	78.6	76.0	76.4	76.4	44.2	47.6	48.1	49.1	65.6	66.2	66.2	65.9
District of Columbia.....	119.2	121.3	122.3	122.5	44.6	62.7	64.7	67.3	241.3	239.8	238.7	237.8
Florida.....	1,333.6	1,360.9	1,357.8	1,357.3	1,091.6	1,198.1	1,217.0	1,219.3	1,091.4	1,092.5	1,096.1	1,100.0
Georgia.....	599.7	625.2	623.6	626.9	444.8	478.9	482.7	491.2	667.2	671.4	673.7	673.8
Hawaii.....	84.5	84.6	85.6	84.9	92.7	107.5	109.7	110.0	120.3	119.6	120.2	119.9
Idaho.....	116.7	117.8	118.2	118.1	82.8	86.9	86.7	86.5	123.4	126.7	127.9	127.0
Illinois.....	903.2	909.9	914.0	917.3	486.1	556.5	564.7	570.7	774.1	789.4	792.9	793.6
Indiana.....	466.6	462.7	464.7	464.5	275.9	294.8	292.1	293.1	410.5	417.7	419.1	422.4
Iowa.....	224.8	224.3	225.2	224.7	125.8	137.3	138.0	138.1	253.4	257.0	257.2	257.8
Kansas.....	199.2	196.2	196.8	197.7	118.9	123.9	124.6	123.3	253.0	248.8	249.4	249.5
Kentucky.....	282.0	285.9	286.4	288.0	177.2	197.9	196.8	196.2	291.9	299.1	299.4	295.9
Louisiana.....	317.2	316.4	318.1	318.2	197.6	209.4	212.1	213.8	313.5	308.4	307.8	308.2
Maine.....	126.2	126.3	126.4	126.4	58.9	68.8	69.2	68.0	97.6	98.4	98.1	98.1
Maryland.....	440.9	439.8	440.6	441.8	223.9	252.2	248.6	253.1	500.7	510.9	512.7	515.8
Massachusetts.....	786.7	812.4	812.3	815.2	285.5	342.3	347.1	351.9	434.5	441.5	440.4	440.7
Michigan.....	649.9	650.2	653.8	653.1	347.8	399.0	394.6	389.5	571.4	582.8	585.0	581.7
Minnesota.....	542.1	543.6	544.0	547.2	222.5	250.9	253.7	249.4	403.4	402.5	403.2	402.3
Mississippi.....	140.0	140.3	139.4	139.3	123.6	132.7	133.2	132.8	233.7	234.2	234.2	234.3
Missouri.....	481.8	482.1	480.4	482.1	268.1	293.6	292.9	290.5	422.7	424.9	423.6	422.0
Montana.....	79.9	80.6	80.8	80.9	65.6	70.9	71.0	70.7	89.3	90.5	90.4	90.6
Nebraska.....	156.1	159.3	160.5	161.3	85.2	90.7	90.9	90.4	170.2	170.6	170.2	169.8
Nevada.....	148.8	152.0	152.9	153.0	286.1	326.7	325.9	328.8	158.8	161.3	161.5	162.1
New Hampshire.....	118.9	121.0	121.7	121.3	64.6	68.5	70.5	69.1	84.8	84.2	84.9	84.8
New Jersey.....	690.3	708.8	713.2	715.8	320.0	373.4	379.7	381.7	571.0	582.3	583.4	583.6
New Mexico.....	138.8	140.7	140.7	140.6	83.2	98.7	99.6	96.7	176.1	178.3	178.7	179.4
New York.....	2,053.1	2,082.7	2,097.1	2,106.1	685.8	839.5	840.8	847.3	1,421.1	1,458.5	1,460.4	1,460.0
North Carolina.....	630.6	643.2	642.5	643.8	452.7	491.6	494.5	496.2	706.6	717.4	718.4	717.3
North Dakota.....	66.6	65.5	65.7	65.5	36.4	38.6	38.0	37.5	81.0	82.9	82.9	82.9
Ohio.....	899.5	889.0	888.8	892.1	493.7	534.6	538.1	542.8	752.9	752.1	753.7	756.9
Oklahoma.....	236.1	232.7	233.1	234.0	163.3	171.0	170.6	171.7	344.6	347.9	349.2	348.9
Oregon.....	299.4	302.5	304.4	304.7	170.5	201.5	201.9	205.1	280.6	288.8	288.9	288.7
Pennsylvania.....	1,233.9	1,239.4	1,243.3	1,250.7	461.6	521.8	527.3	531.5	675.9	675.7	675.4	676.1
Rhode Island.....	101.9	103.7	104.7	105.2	50.8	55.8	56.6	57.2	63.0	63.5	63.7	63.4
South Carolina.....	255.5	253.5	252.8	254.9	241.9	256.5	260.5	264.5	365.6	365.6	366.4	367.2
South Dakota.....	74.0	74.3	75.7	75.8	45.2	48.3	48.5	48.6	78.4	79.4	79.4	79.4
Tennessee.....	438.3	443.3	444.0	446.5	308.4	346.7	351.7	352.1	427.5	429.4	428.8	430.4
Texas.....	1,721.3	1,779.8	1,782.1	1,778.9	1,275.7	1,398.1	1,412.2	1,439.8	1,951.5	1,976.7	1,980.6	1,980.0
Utah.....	216.7	222.6	222.8	224.2	148.5	154.5	156.7	161.4	247.5	251.8	252.3	252.6
Vermont.....	60.5	60.6	60.5	61.0	30.0	33.4	34.0	33.6	52.1	52.5	52.8	52.7
Virginia.....	535.8	546.2	553.8	556.3	341.3	394.7	401.5	405.3	705.5	714.4	714.8	720.2
Washington.....	494.7	500.8	504.0	505.2	275.9	322.3	323.4	325.8	556.5	567.9	567.2	567.0
West Virginia.....	128.0	126.6	126.4	126.7	65.5	71.1	71.8	71.9	147.9	146.6	146.7	155.2
Wisconsin.....	456.0	445.2	447.3	446.6	245.4	273.3	275.5	275.7	390.1	390.8	391.2	391.6
Wyoming.....	28.8	28.7	28.6	28.8	35.3	37.9	38.1	37.3	67.6	67.0	67.1	67.0
Puerto Rico.....	113.1	117.6	117.8	117.8	74.2	85.1	86.0	86.5	194.3	194.4	194.7	194.2
Virgin Islands.....	2.2	2.2	2.2	2.2	5.6	6.2	6.2	6.1	10.5	10.9	10.8	10.9

p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2021 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

Table 4. Employees on nonfarm payrolls by state and selected industry sector, not seasonally adjusted
[In thousands]

State	Total				Mining and logging				Construction			
	April		May		April		May		April		May	
	2021	2022	2021	2022 ^p	2021	2022	2021	2022 ^p	2021	2022	2021	2022 ^p
Alabama.....	2,028.4	2,071.5	2,035.6	2,081.3	8.4	8.2	8.5	8.3	93.5	98.6	93.6	100.5
Alaska.....	303.9	311.2	310.4	318.2	10.2	10.6	10.3	11.2	14.3	15.6	16.5	17.2
Arizona.....	2,935.8	3,044.4	2,936.0	3,038.9	11.8	12.4	11.9	12.6	176.4	180.4	176.6	180.5
Arkansas.....	1,280.0	1,314.5	1,282.6	1,315.8	5.3	5.0	5.3	5.0	55.4	53.4	55.4	53.4
California.....	16,514.3	17,439.1	16,651.0	17,506.3	19.0	19.2	19.2	19.1	880.9	900.2	883.8	912.7
Colorado.....	2,711.5	2,842.0	2,727.3	2,858.9	19.8	20.3	20.0	20.3	175.4	183.5	177.9	187.6
Connecticut.....	1,592.4	1,643.1	1,613.7	1,655.4	0.5	0.5	0.5	0.5	58.4	62.6	60.2	63.2
Delaware ¹	447.9	456.1	450.6	458.7	—	—	—	—	23.0	24.1	23.0	24.1
District of Columbia ¹	731.8	766.1	731.1	763.3	—	—	—	—	14.9	15.3	14.8	15.2
Florida.....	8,815.4	9,324.6	8,846.0	9,321.7	5.4	5.2	5.4	5.2	575.1	592.0	575.4	590.1
Georgia.....	4,505.7	4,754.8	4,534.2	4,771.5	9.4	9.8	9.5	9.7	203.5	203.1	204.1	206.0
Hawaii ¹	577.5	606.4	584.5	606.3	—	—	—	—	37.3	36.0	37.2	35.8
Idaho.....	788.0	813.9	795.1	816.3	3.7	4.2	4.0	4.5	60.1	60.7	61.0	61.2
Illinois.....	5,760.0	5,985.8	5,794.0	6,042.8	6.6	6.5	6.8	6.5	220.9	219.7	227.4	233.6
Indiana.....	3,057.6	3,176.5	3,084.1	3,191.1	4.8	5.2	4.9	5.2	147.8	159.1	151.4	162.9
Iowa.....	1,532.5	1,565.6	1,544.4	1,577.4	2.3	2.3	2.4	2.4	77.0	79.4	80.3	81.3
Kansas.....	1,374.2	1,398.6	1,383.3	1,402.7	5.8	6.0	5.9	6.1	63.3	67.6	64.4	68.2
Kentucky.....	1,880.9	1,940.5	1,896.0	1,945.1	7.5	7.5	7.6	7.5	78.6	75.2	80.2	77.0
Louisiana.....	1,869.6	1,911.5	1,876.3	1,916.8	29.5	31.9	29.9	31.4	127.2	134.5	127.8	134.0
Maine.....	610.2	624.4	621.5	633.8	1.7	1.8	1.7	1.8	30.8	30.4	32.2	32.7
Maryland.....	2,626.5	2,702.1	2,648.2	2,724.6	1.3	1.3	1.3	1.3	159.5	160.7	160.7	163.4
Massachusetts.....	3,472.9	3,643.0	3,505.6	3,670.3	1.0	1.0	1.0	1.0	161.1	170.1	165.9	174.6
Michigan.....	4,131.1	4,305.3	4,181.1	4,335.5	6.6	7.4	6.8	7.7	171.8	172.4	181.0	180.5
Minnesota.....	2,821.2	2,879.9	2,859.7	2,932.9	6.4	6.3	6.7	6.6	123.6	118.2	134.6	135.7
Mississippi.....	1,127.5	1,155.6	1,130.6	1,159.5	5.9	6.0	5.9	6.0	43.9	46.6	44.6	47.4
Missouri.....	2,836.0	2,908.0	2,848.8	2,914.3	4.4	4.5	4.4	4.5	130.4	138.2	133.2	139.5
Montana.....	486.8	503.0	493.5	508.5	6.5	7.0	6.6	7.0	32.4	33.8	33.8	35.0
Nebraska.....	1,003.6	1,028.9	1,011.5	1,033.3	1.0	1.0	1.0	1.0	55.8	57.8	57.2	58.4
Nevada.....	1,333.3	1,442.8	1,352.5	1,452.4	15.1	14.7	15.1	14.8	98.7	100.4	99.1	102.5
New Hampshire.....	655.1	678.4	663.7	682.3	0.9	0.9	1.0	0.9	28.4	30.3	29.2	31.4
New Jersey.....	3,963.9	4,164.3	4,009.1	4,213.9	1.3	1.4	1.3	1.4	155.8	157.6	158.9	159.1
New Mexico.....	804.4	848.4	810.0	848.6	18.0	19.5	18.4	19.7	47.2	52.4	47.1	53.4
New York.....	8,943.5	9,396.1	9,007.0	9,481.4	5.2	5.3	5.5	5.5	371.7	374.6	379.6	383.1
North Carolina.....	4,546.3	4,731.1	4,587.5	4,752.3	5.7	5.4	5.7	5.5	238.0	238.6	239.3	242.6
North Dakota.....	412.8	423.3	418.1	427.0	13.3	15.0	13.5	15.4	23.9	24.9	26.3	26.8
Ohio.....	5,345.3	5,451.3	5,386.4	5,501.9	8.6	8.8	8.6	8.9	220.8	232.7	227.5	239.3
Oklahoma.....	1,641.1	1,682.3	1,646.1	1,687.9	27.4	30.3	27.2	30.7	78.9	78.0	78.7	78.9
Oregon.....	1,863.1	1,941.0	1,870.2	1,954.8	6.6	6.1	6.6	6.2	109.9	115.8	110.8	117.9
Pennsylvania.....	5,717.3	5,918.7	5,753.5	5,954.6	21.7	22.9	21.9	23.4	253.9	251.3	258.5	255.9
Rhode Island.....	475.5	492.7	482.9	498.9	0.2	0.2	0.2	0.2	19.7	21.0	20.4	22.5
South Carolina.....	2,135.2	2,199.1	2,149.2	2,220.8	4.3	4.5	4.3	4.6	104.3	103.9	104.7	104.3
South Dakota.....	435.8	443.6	444.5	452.6	1.1	1.1	1.1	1.2	24.5	25.8	26.2	27.5
Tennessee.....	3,070.3	3,213.8	3,085.6	3,223.3	4.2	4.3	4.3	4.3	134.4	144.5	134.6	149.0
Texas.....	12,537.0	13,277.7	12,609.5	13,372.4	177.6	208.1	177.1	206.8	734.7	766.8	732.6	782.4
Utah.....	1,602.4	1,663.4	1,606.8	1,662.3	8.5	9.9	8.7	10.0	121.5	129.2	122.3	130.4
Vermont.....	290.8	295.7	291.3	295.6	0.8	0.8	0.8	0.9	14.5	14.6	15.6	15.7
Virginia.....	3,915.4	4,042.5	3,926.0	4,049.9	7.0	7.1	7.0	7.2	206.1	205.0	207.8	205.5
Washington.....	3,319.4	3,483.5	3,342.6	3,500.6	5.7	5.6	5.7	5.6	221.2	231.8	223.7	233.5
West Virginia.....	682.9	703.4	687.2	714.7	17.4	18.8	17.5	19.4	29.8	32.0	30.8	33.2
Wisconsin.....	2,867.8	2,916.9	2,889.9	2,942.0	3.4	3.6	3.5	3.8	124.7	127.2	130.2	132.1
Wyoming.....	272.3	281.1	278.4	283.7	14.4	15.7	14.5	15.4	20.4	22.2	21.3	22.6
Puerto Rico.....	863.8	911.7	861.8	912.9	0.6	0.7	0.6	0.7	27.9	30.8	27.8	30.8
Virgin Islands ¹	35.2	35.4	35.1	35.4	—	—	—	—	2.6	2.4	2.5	2.4

¹ Mining and logging is combined with construction.

p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2021 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**Table 4. Employees on nonfarm payrolls by state and selected industry sector, not seasonally adjusted-
Continued**

[In thousands]

State	Manufacturing				Trade, transportation, and utilities				Information			
	April		May		April		May		April		May	
	2021	2022	2021	2022 ^P	2021	2022	2021	2022 ^P	2021	2022	2021	2022 ^P
Alabama.....	262.1	268.4	262.0	268.5	388.3	400.0	391.3	397.7	19.3	20.9	19.6	20.6
Alaska.....	11.4	10.8	10.5	9.9	59.4	61.3	60.8	62.6	4.7	4.6	4.8	4.7
Arizona.....	178.9	188.1	178.9	188.5	566.8	598.9	568.7	595.1	46.2	49.6	46.8	50.9
Arkansas.....	155.8	162.8	155.6	163.1	251.2	266.6	252.9	265.4	11.4	12.4	11.6	12.6
California.....	1,263.1	1,295.6	1,268.3	1,304.1	2,971.2	3,104.8	2,985.5	3,102.6	549.1	591.9	559.1	598.8
Colorado.....	147.4	153.1	147.5	154.2	477.1	498.9	478.0	496.0	75.4	77.2	75.8	78.0
Connecticut.....	151.9	158.6	152.6	158.7	281.8	290.4	287.1	293.5	29.3	30.2	29.7	30.3
Delaware.....	24.5	26.1	24.3	26.1	79.4	82.5	80.4	82.0	3.4	3.6	3.4	3.6
District of Columbia.....	1.1	1.1	1.1	1.1	28.5	30.1	28.7	29.7	19.4	19.5	19.5	19.3
Florida.....	384.4	407.9	384.8	411.9	1,798.7	1,919.1	1,809.9	1,921.8	134.7	145.0	136.6	147.1
Georgia.....	390.1	408.0	389.6	409.1	937.0	1,002.7	946.4	1,001.8	119.0	136.5	124.1	136.4
Hawaii.....	11.7	12.4	11.8	12.4	106.2	110.6	107.9	109.9	7.5	8.5	7.5	8.3
Idaho.....	70.2	71.6	70.1	71.9	155.5	162.8	156.4	162.6	7.8	7.9	8.0	8.2
Illinois.....	552.3	571.2	546.8	572.0	1,161.0	1,204.7	1,167.4	1,207.9	87.5	92.2	88.5	93.1
Indiana.....	519.1	540.7	519.9	544.1	598.0	621.4	602.8	623.6	25.5	26.2	25.8	26.7
Iowa.....	216.6	223.2	217.0	225.3	305.0	311.1	306.6	312.3	18.6	19.5	18.7	19.4
Kansas.....	159.2	165.5	159.1	166.4	261.8	269.1	263.6	268.4	16.4	18.7	16.7	18.6
Kentucky.....	240.8	242.8	242.2	240.5	402.8	420.3	406.2	418.3	20.5	21.6	20.8	22.2
Louisiana.....	128.7	132.9	128.4	134.3	362.0	368.9	363.8	367.6	19.7	23.3	21.4	23.3
Maine.....	53.3	54.4	53.8	54.2	114.2	114.8	116.0	115.4	6.4	6.8	6.5	6.9
Maryland.....	107.5	110.2	108.0	110.6	456.2	473.3	459.5	475.2	33.2	34.2	33.4	34.1
Massachusetts.....	230.5	239.4	231.3	240.3	541.8	564.1	547.5	567.1	91.6	97.6	92.3	98.3
Michigan.....	566.2	598.7	572.9	598.8	762.2	792.6	773.6	798.6	50.8	54.1	51.1	54.8
Minnesota.....	307.7	323.5	309.4	326.1	506.1	511.9	511.7	518.7	42.0	43.3	42.2	43.4
Mississippi.....	141.8	150.1	141.4	150.6	231.4	238.2	233.4	237.1	9.4	9.7	9.4	9.6
Missouri.....	268.6	270.2	267.0	271.8	537.9	550.9	539.9	547.3	46.5	46.8	46.5	47.1
Montana.....	20.9	22.5	21.0	22.6	95.4	98.9	96.4	98.7	5.5	5.5	5.7	5.4
Nebraska.....	98.5	101.0	97.9	100.7	191.6	198.1	193.3	198.1	17.5	18.5	17.5	18.4
Nevada.....	59.9	64.4	59.9	64.8	267.9	286.9	271.8	289.3	14.3	15.6	14.9	15.8
New Hampshire.....	67.3	68.3	67.1	68.9	136.2	139.4	137.7	139.7	11.5	12.1	11.7	12.1
New Jersey.....	239.2	245.4	239.9	245.1	846.8	888.8	854.1	897.2	69.9	69.7	70.6	69.8
New Mexico.....	27.1	29.3	27.1	29.5	133.2	138.9	134.3	137.9	9.1	9.4	10.0	10.4
New York.....	403.5	416.6	405.1	419.3	1,391.8	1,455.3	1,404.8	1,467.5	274.0	294.9	275.8	297.3
North Carolina.....	458.5	469.9	459.6	474.7	878.9	896.1	885.5	894.7	75.7	81.9	76.5	81.6
North Dakota.....	25.8	26.7	25.9	27.0	88.4	90.6	88.9	91.4	5.7	5.6	5.7	5.6
Ohio.....	660.0	679.9	659.6	679.9	1,015.6	1,040.7	1,023.4	1,049.1	63.3	67.5	64.3	69.1
Oklahoma.....	129.0	131.6	128.6	132.6	306.8	322.1	309.5	322.2	17.8	17.1	17.9	17.1
Oregon.....	185.1	193.4	185.7	195.6	356.7	363.2	358.0	365.6	34.1	36.1	34.9	35.8
Pennsylvania.....	537.9	561.4	539.7	563.2	1,085.0	1,144.7	1,091.4	1,140.0	83.2	88.8	83.8	90.4
Rhode Island.....	38.6	40.0	38.8	40.0	73.7	76.6	74.8	76.4	5.3	5.6	5.3	5.7
South Carolina.....	247.9	255.9	246.5	258.2	408.8	428.8	412.6	430.1	26.8	28.7	27.2	29.3
South Dakota.....	43.5	43.7	43.5	43.7	85.8	86.4	87.1	86.9	4.9	5.1	5.0	5.0
Tennessee.....	344.8	358.6	346.9	358.6	639.4	668.6	642.8	669.9	44.9	49.3	45.6	49.4
Texas.....	863.9	905.9	865.2	914.0	2,507.9	2,661.1	2,525.6	2,666.1	203.2	223.6	205.3	224.8
Utah.....	143.8	149.5	144.3	149.9	300.8	316.9	302.6	313.7	39.8	45.1	40.5	45.5
Vermont.....	28.3	29.0	28.5	29.3	50.9	50.5	51.3	50.3	3.9	4.1	4.0	4.2
Virginia.....	235.7	236.1	236.0	237.4	643.1	656.4	648.4	659.5	65.6	68.1	66.1	68.4
Washington.....	255.8	261.8	257.1	265.3	639.1	658.7	644.1	659.2	153.0	166.1	154.2	166.8
West Virginia.....	45.2	46.7	45.3	46.4	120.7	125.2	121.6	124.5	7.0	7.4	7.1	7.5
Wisconsin.....	460.6	472.7	461.0	473.1	528.3	535.1	531.5	538.1	44.4	46.7	44.5	47.8
Wyoming.....	9.5	9.7	9.6	9.8	50.0	51.4	50.7	51.0	2.9	3.0	2.9	3.0
Puerto Rico.....	76.1	82.3	75.8	82.5	171.4	182.6	173.0	182.5	15.2	15.4	15.1	15.3
Virgin Islands.....	0.8	0.8	0.8	0.8	6.5	6.6	6.5	6.6	0.5	0.5	0.5	0.5

p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2021 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

**Table 4. Employees on nonfarm payrolls by state and selected industry sector, not seasonally adjusted-
Continued**
[In thousands]

State	Financial activities				Professional and business services				Education and health services			
	April		May		April		May		April		May	
	2021	2022	2021	2022 ^P	2021	2022	2021	2022 ^P	2021	2022	2021	2022 ^P
Alabama.....	97.9	96.7	98.3	97.7	250.6	253.8	250.7	258.4	240.3	242.1	239.3	242.2
Alaska.....	10.7	11.1	10.8	11.3	25.8	26.2	26.7	27.2	51.0	50.9	50.8	51.2
Arizona.....	245.6	243.8	244.8	243.8	443.0	449.3	442.9	447.3	465.5	477.0	462.7	476.6
Arkansas.....	65.9	66.5	66.0	67.6	146.1	148.6	146.1	149.7	196.2	197.2	195.6	195.2
California.....	821.7	834.6	821.4	833.0	2,677.0	2,812.1	2,686.6	2,804.4	2,808.6	2,908.5	2,809.3	2,911.4
Colorado.....	176.9	179.0	176.6	178.9	446.2	476.0	450.5	484.6	349.5	351.5	348.7	352.6
Connecticut.....	117.1	117.8	117.1	118.0	211.7	216.5	214.6	218.9	334.2	335.7	333.2	335.5
Delaware.....	47.2	47.2	47.2	47.1	63.2	63.9	63.0	63.2	79.3	76.5	78.9	76.6
District of Columbia.....	28.1	27.3	28.1	27.3	164.2	174.4	164.8	172.9	122.0	123.7	117.1	122.2
Florida.....	614.0	651.5	616.0	650.1	1,432.1	1,528.0	1,440.6	1,533.2	1,341.2	1,362.9	1,338.0	1,358.1
Georgia.....	256.0	266.4	256.0	266.7	721.9	781.9	725.3	779.8	599.3	624.5	600.1	626.9
Hawaii.....	26.9	26.1	27.0	25.7	67.9	69.1	68.1	68.5	84.8	85.8	84.8	85.4
Idaho.....	38.6	39.4	38.9	39.0	102.5	105.5	103.7	106.9	116.8	119.2	117.2	118.9
Illinois.....	405.5	405.0	405.1	407.0	910.7	955.9	914.9	960.5	913.2	920.7	909.2	922.6
Indiana.....	143.3	147.5	144.1	148.8	340.5	362.3	343.0	362.2	467.8	467.1	466.5	463.3
Iowa.....	108.8	107.5	109.1	109.0	139.8	141.1	140.4	140.5	229.0	227.9	226.0	226.1
Kansas.....	76.5	74.0	76.5	72.6	170.3	171.7	171.0	172.6	199.6	197.4	199.5	198.9
Kentucky.....	95.4	96.5	95.7	95.9	215.3	227.8	218.1	230.4	283.5	285.8	282.1	287.5
Louisiana.....	88.7	88.2	88.7	88.9	211.0	220.3	211.0	220.2	317.6	318.6	317.8	318.8
Maine.....	32.6	33.0	33.0	32.8	71.8	73.1	72.7	74.6	127.3	127.6	126.3	126.5
Maryland.....	138.1	134.4	138.5	135.9	457.0	469.9	459.4	469.7	443.4	443.8	441.6	442.7
Massachusetts.....	219.8	215.3	220.3	216.2	601.3	633.1	604.4	632.5	795.3	819.5	787.8	811.7
Michigan.....	232.4	235.4	232.8	235.3	622.7	653.1	630.0	662.1	652.7	655.5	651.5	655.4
Minnesota.....	190.6	191.6	190.7	192.0	371.2	381.0	375.7	388.0	546.5	546.2	544.5	549.0
Mississippi.....	42.3	43.5	42.4	44.1	112.6	113.3	113.0	115.9	141.2	140.5	140.3	139.7
Missouri.....	178.6	176.5	178.8	176.7	372.9	395.1	372.9	398.1	485.6	483.8	483.4	481.1
Montana.....	26.7	27.5	26.9	27.3	46.2	47.6	46.9	49.2	80.4	81.2	80.4	81.3
Nebraska.....	72.7	71.8	72.8	72.0	117.0	120.9	117.2	120.9	156.9	160.8	156.7	161.8
Nevada.....	69.1	73.1	69.5	73.2	183.2	205.9	184.5	204.1	149.3	152.7	149.0	153.2
New Hampshire.....	34.3	34.4	34.5	34.4	85.7	94.6	86.7	93.7	121.7	122.5	121.3	121.8
New Jersey.....	249.4	256.8	250.2	259.6	677.1	708.9	682.6	715.7	694.0	715.6	695.9	720.3
New Mexico.....	33.5	33.6	33.4	32.8	110.6	114.9	110.7	115.3	140.0	141.5	139.7	141.0
New York.....	697.5	707.2	698.1	710.5	1,264.0	1,338.1	1,271.9	1,355.5	2,088.3	2,127.1	2,067.3	2,118.7
North Carolina.....	269.7	282.0	271.0	285.2	663.4	714.1	668.4	709.6	629.9	643.9	633.9	644.5
North Dakota.....	24.4	24.6	24.5	24.1	32.1	34.0	32.6	34.1	66.7	66.1	66.7	65.6
Ohio.....	306.5	306.7	307.8	308.5	713.0	722.9	718.6	726.8	903.9	894.4	901.2	892.3
Oklahoma.....	77.5	80.1	77.8	80.8	189.0	198.2	189.3	198.1	237.9	233.4	236.5	233.7
Oregon.....	103.4	105.8	103.2	106.5	249.4	258.3	249.5	259.1	302.6	307.6	299.6	305.7
Pennsylvania.....	325.8	328.6	326.4	329.9	794.2	821.9	798.0	820.1	1,244.8	1,253.9	1,236.7	1,254.6
Rhode Island.....	34.3	34.0	34.4	34.0	68.7	69.1	69.1	69.9	104.0	106.7	103.6	105.7
South Carolina.....	108.2	115.1	109.0	115.9	292.8	297.8	293.4	300.8	256.3	253.7	256.4	255.3
South Dakota.....	28.0	27.8	28.1	27.9	34.3	34.5	34.9	35.8	74.6	76.3	74.5	76.3
Tennessee.....	170.3	177.6	171.7	176.5	428.3	450.3	433.2	451.5	440.1	445.6	436.6	446.1
Texas.....	820.3	884.6	822.2	887.9	1,855.4	1,982.6	1,869.2	1,999.7	1,723.1	1,785.2	1,724.6	1,779.5
Utah.....	96.9	96.1	97.1	96.6	232.3	232.0	233.5	233.1	218.6	225.5	213.8	221.3
Vermont.....	11.8	11.7	11.8	11.9	29.4	29.7	30.0	30.0	62.2	61.4	60.7	60.9
Virginia.....	209.4	206.9	209.6	205.0	772.8	790.2	774.9	789.6	540.3	556.7	530.4	554.9
Washington.....	158.8	164.3	159.6	164.7	441.2	473.8	443.6	470.5	500.6	507.8	497.2	507.9
West Virginia.....	29.3	30.0	29.4	30.6	68.0	71.7	67.7	71.3	128.5	126.9	128.1	126.5
Wisconsin.....	153.9	152.8	154.3	153.0	316.0	320.6	317.9	324.7	456.0	447.8	456.3	446.8
Wyoming.....	10.9	11.1	11.1	11.0	18.9	20.4	19.7	21.0	29.0	28.7	29.0	29.0
Puerto Rico.....	43.5	45.3	43.6	45.6	126.1	137.0	125.5	138.0	114.1	118.7	114.7	119.1
Virgin Islands.....	1.9	1.8	1.9	1.8	3.2	3.0	3.2	3.0	2.2	2.2	2.2	2.2

p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2021 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

**ESTABLISHMENT DATA
NOT SEASONALLY ADJUSTED**

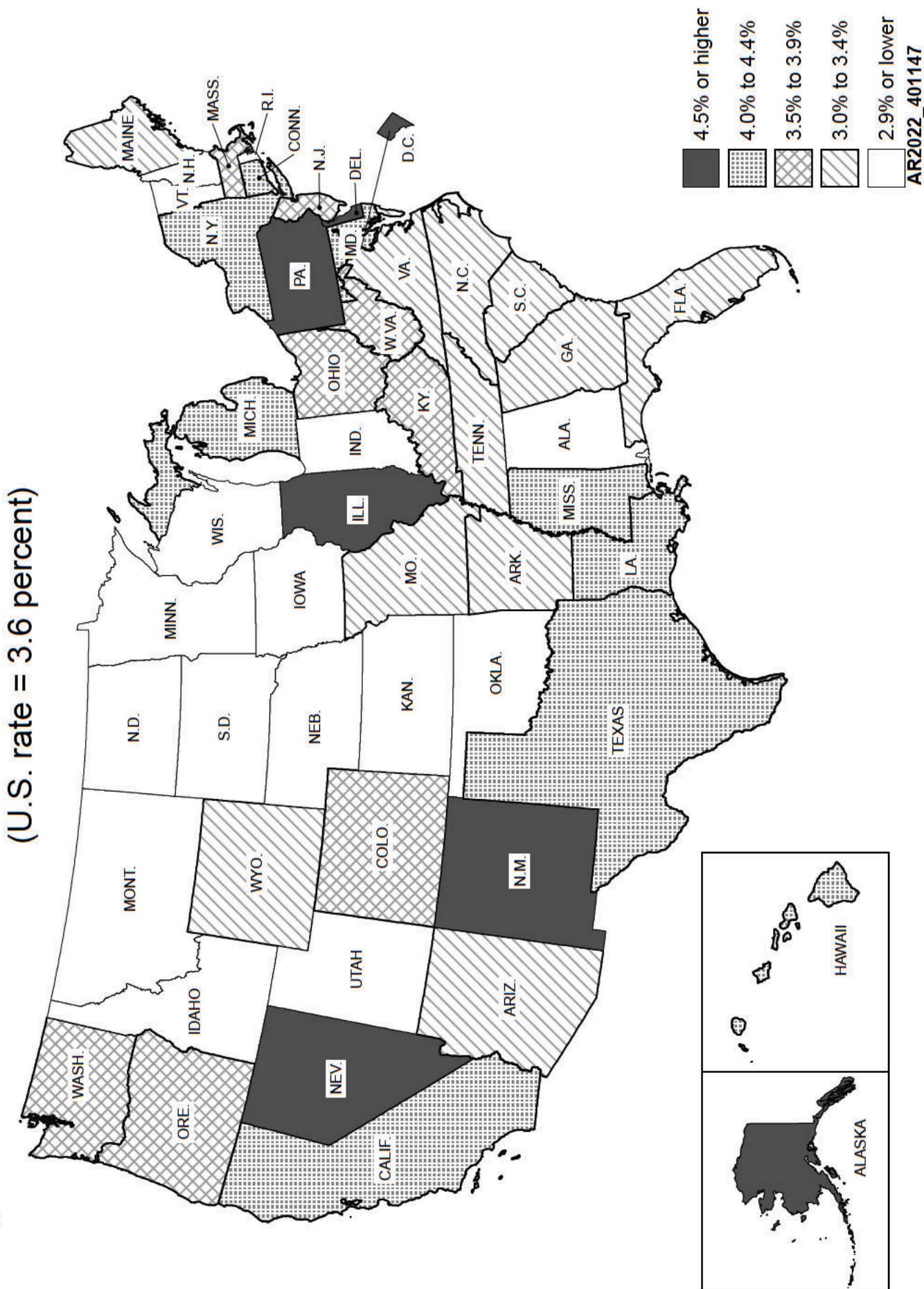
**Table 4. Employees on nonfarm payrolls by state and selected industry sector, not seasonally adjusted-
Continued**
[In thousands]

State	Leisure and hospitality				Other services				Government			
	April		May		April		May		April		May	
	2021	2022	2021	2022 ^P	2021	2022	2021	2022 ^P	2021	2022	2021	2022 ^P
Alabama.....	184.4	194.5	188.1	196.4	94.9	96.9	95.0	97.9	388.7	391.4	389.2	393.1
Alaska.....	27.5	30.3	30.7	32.9	10.2	11.0	10.4	11.5	78.7	78.8	78.1	78.5
Arizona.....	298.4	330.8	303.6	335.7	89.7	94.9	90.5	95.4	413.5	419.2	408.6	412.5
Arkansas.....	115.0	122.6	116.9	124.1	67.1	66.5	67.2	67.1	210.6	212.9	210.0	212.6
California.....	1,553.7	1,878.0	1,618.7	1,904.1	494.0	545.9	503.2	549.5	2,476.0	2,548.3	2,495.9	2,566.6
Colorado.....	291.1	335.1	294.6	334.6	111.4	118.7	112.5	119.0	441.3	448.7	445.2	453.1
Connecticut.....	123.9	142.4	135.0	151.0	56.8	59.8	57.5	60.2	226.8	228.6	226.2	225.6
Delaware.....	42.4	46.2	45.7	50.7	18.0	18.6	18.1	18.7	67.5	67.4	66.6	66.6
District of Columbia.....	42.8	65.0	45.7	67.0	71.3	72.4	71.3	72.9	239.5	237.3	240.0	235.7
Florida.....	1,089.1	1,244.6	1,107.2	1,238.9	331.0	354.3	331.6	352.4	1,109.7	1,114.1	1,100.5	1,112.9
Georgia.....	441.5	484.4	452.4	497.5	156.0	161.2	156.9	163.3	672.0	676.3	669.8	674.3
Hawaii.....	88.4	110.0	92.6	110.9	23.9	25.4	24.1	26.2	122.9	122.5	123.5	123.2
Idaho.....	81.0	85.3	83.2	86.6	25.8	27.1	26.0	26.7	126.0	130.2	126.6	129.8
Illinois.....	478.7	558.6	503.0	584.1	235.9	246.1	237.7	247.0	787.7	805.2	787.2	808.5
Indiana.....	274.5	291.9	285.2	301.9	120.3	126.5	120.9	127.5	416.0	428.6	419.6	424.9
Iowa.....	124.3	136.3	130.3	141.6	54.2	55.2	54.5	56.5	256.9	262.1	259.1	263.0
Kansas.....	118.1	124.7	122.0	125.4	47.1	48.9	47.3	48.8	256.1	255.0	257.3	256.7
Kentucky.....	175.8	198.7	182.2	203.0	62.3	61.7	62.6	62.9	298.4	302.6	298.3	299.9
Louisiana.....	197.0	211.9	201.0	218.1	70.0	70.5	70.6	69.3	318.2	310.5	315.9	310.9
Maine.....	51.9	60.1	59.5	66.5	20.7	22.6	20.8	22.9	99.5	99.8	99.0	99.5
Maryland.....	218.2	243.0	231.6	257.6	104.7	109.3	105.4	109.3	507.4	522.0	508.8	524.8
Massachusetts.....	268.1	327.2	291.3	351.2	118.6	126.5	120.1	126.1	443.8	449.2	443.7	451.3
Michigan.....	334.6	381.3	358.5	402.6	150.7	158.0	152.5	161.0	580.4	596.8	570.4	578.7
Minnesota.....	214.5	241.5	229.4	254.9	103.8	108.1	104.9	109.1	408.8	408.3	409.9	409.4
Mississippi.....	124.3	133.3	126.5	135.6	39.0	38.3	39.0	38.4	235.7	236.1	234.7	235.1
Missouri.....	267.6	293.5	277.6	300.5	110.9	116.2	111.5	115.7	432.6	432.3	433.6	432.0
Montana.....	63.2	68.4	65.4	70.2	18.3	18.8	18.5	18.6	91.3	91.8	91.9	93.2
Nebraska.....	84.6	90.3	87.8	92.0	35.9	36.4	36.1	36.7	172.1	172.3	174.0	173.3
Nevada.....	276.1	326.3	288.5	331.4	38.7	38.9	39.4	38.9	161.0	163.9	160.8	164.4
New Hampshire.....	58.4	64.7	63.7	68.6	22.7	24.0	23.1	24.3	88.0	87.2	87.7	86.5
New Jersey.....	301.9	363.0	327.2	386.7	148.4	164.1	150.6	167.3	580.1	593.0	577.8	591.7
New Mexico.....	80.7	98.5	84.6	97.7	25.8	27.7	26.0	28.4	179.2	182.7	178.7	182.5
New York.....	655.8	819.3	702.6	863.7	357.5	385.1	361.3	387.4	1,434.2	1,472.6	1,435.0	1,472.9
North Carolina.....	439.2	491.8	458.4	505.6	159.8	166.6	161.4	169.0	727.5	740.8	727.8	739.3
North Dakota.....	35.7	37.0	36.8	38.0	14.3	14.5	14.3	14.4	82.5	84.3	82.9	84.6
Ohio.....	487.1	526.2	510.8	556.4	199.2	206.6	201.0	209.6	767.3	764.9	763.6	762.0
Oklahoma.....	163.6	173.6	167.0	175.6	63.6	63.2	63.8	63.2	349.6	354.7	349.8	355.0
Oregon.....	168.4	200.4	172.5	205.6	58.7	59.2	59.2	59.8	288.2	295.1	290.2	297.0
Pennsylvania.....	451.9	516.1	479.2	547.1	232.3	243.2	234.8	246.8	686.6	685.9	683.1	683.2
Rhode Island.....	47.2	52.8	51.7	57.5	20.2	22.2	20.4	22.4	63.6	64.5	64.2	64.6
South Carolina.....	240.6	259.6	249.9	271.1	76.9	80.0	77.3	81.0	368.3	371.1	367.9	370.2
South Dakota.....	42.9	45.5	46.5	49.3	16.9	17.1	17.0	17.7	79.3	80.3	80.6	81.3
Tennessee.....	304.3	350.4	315.4	356.7	121.7	126.1	122.4	125.3	437.9	438.5	432.1	436.0
Texas.....	1,265.1	1,416.9	1,296.3	1,460.9	409.8	438.7	414.8	444.5	1,976.0	2,004.2	1,976.6	2,005.8
Utah.....	145.9	157.5	147.0	157.8	41.5	44.1	42.0	43.6	252.8	257.6	255.0	260.4
Vermont.....	26.3	29.3	26.2	29.6	9.3	10.2	9.4	10.4	53.4	54.4	53.0	52.4
Virginia.....	336.0	400.8	351.9	412.9	182.5	188.0	183.3	188.5	716.9	727.2	710.6	721.0
Washington.....	268.6	321.8	279.2	331.2	111.2	117.0	112.4	118.5	564.2	574.8	565.8	577.4
West Virginia.....	64.6	71.5	67.0	73.8	22.9	23.8	23.1	23.7	149.5	149.4	149.6	157.8
Wisconsin.....	235.8	264.0	252.7	280.6	142.1	141.8	142.5	144.4	402.6	404.6	395.5	397.6
Wyoming.....	32.5	34.8	34.9	36.5	15.7	16.4	15.7	16.1	68.1	67.7	69.0	68.3
Puerto Rico.....	74.7	85.7	74.2	85.8	17.3	17.9	17.3	18.1	196.9	195.3	194.2	194.5
Virgin Islands.....	5.6	6.2	5.7	6.1	1.3	1.0	1.3	1.1	10.6	10.9	10.5	10.9

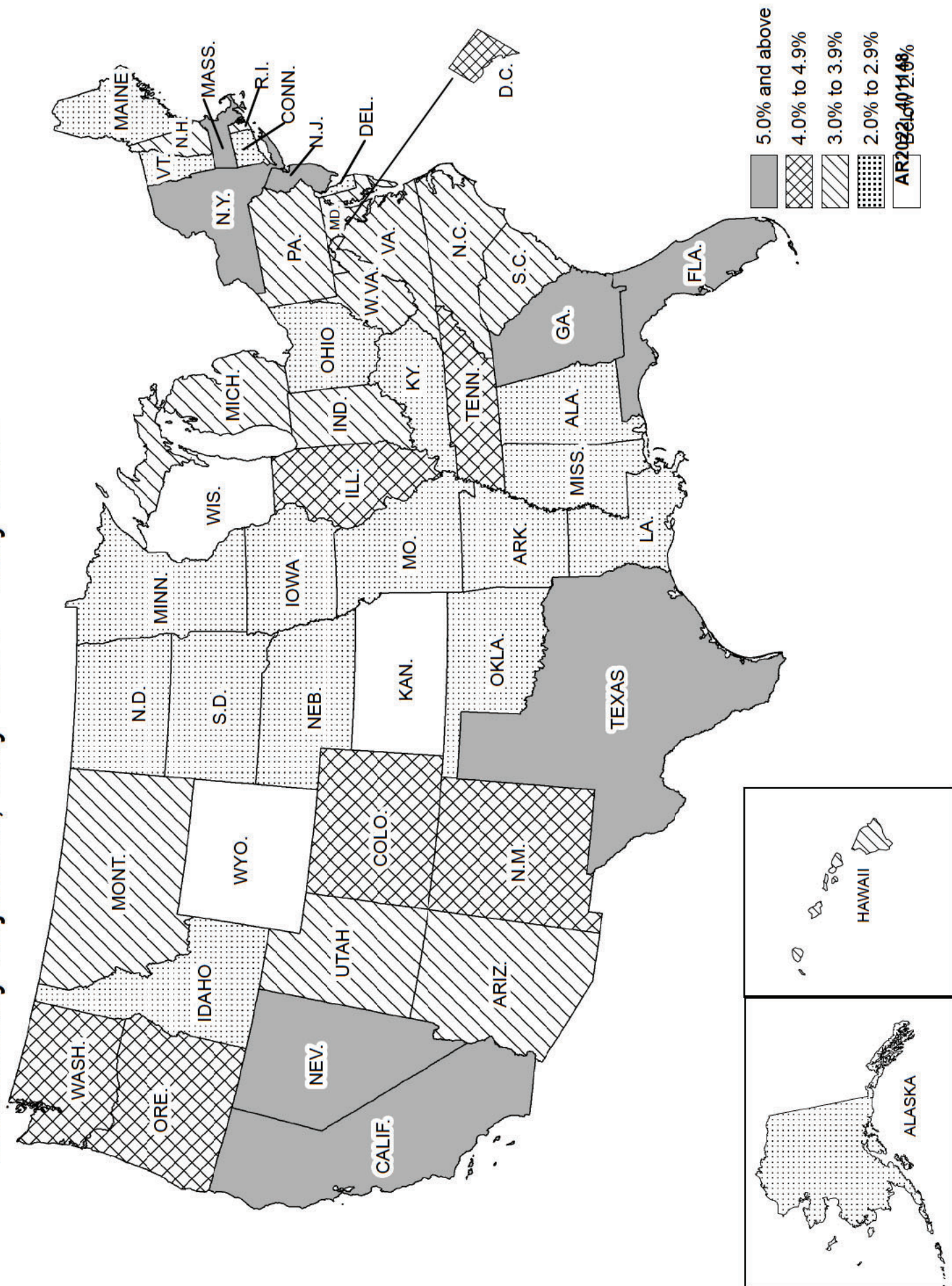
p Preliminary

NOTE: Data are counts of jobs by place of work. Estimates are currently estimated from 2021 benchmark levels. Estimates subsequent to the current benchmarks are preliminary and will be revised when new information becomes available.

Map 1. Unemployment rates by state, seasonally adjusted,
May 2022



Map 2. Percentage change in nonfarm employment by state, seasonally adjusted, May 2021 - May 2022



Coronavirus Infects Surveys, Too: Survey Nonresponse Bias and the Coronavirus Pandemic*

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Abstract

Nonresponse rates have been increasing in household surveys over time, increasing the potential of nonresponse bias. We make two contributions to the literature on nonresponse bias. First, we expand the set of data sources used. We use information returns filings (such as W-2's and 1099 forms) to identify individuals in respondent *and* nonrespondent households in the Current Population Survey Annual Social and Economic Supplement (CPS ASEC). We link those individuals to income, demographic, and socioeconomic information available in administrative data and prior surveys and the decennial census. We show that survey nonresponse was unique during the pandemic — nonresponse increased substantially and was more strongly associated with income than in prior years. Response patterns changed by education, Hispanic origin, and citizenship and nativity. Second, We adjust for nonrandom nonresponse using entropy balance weights – a computationally efficient method of adjusting weights to match to a high-dimensional vector of moment constraints. In the 2020 CPS ASEC, nonresponse biased income estimates up substantially, whereas in other years, we do not find evidence of nonresponse bias in income or poverty statistics. With the survey weights, real median household income was \$68,700 in 2019, up 6.8 percent from 2018. After adjusting for nonresponse bias during the pandemic, we estimate that real median household income in 2019 was 2.8 percent lower than the survey estimate at \$66,790.

*This report is released to inform interested parties of ongoing research and to encourage discussion. Any views expressed on statistical, methodological, technical, or operational issues are those of the author and not necessarily those of the U.S. Census Bureau. The U.S. Census Bureau reviewed this data product for unauthorized disclosure of confidential information and approved the disclosure avoidance practices applied to this release. CBDRB-FY20-380, CBDRB-FY20-414, and CBDRB-FY21-POP001-0060. The public-use weights are approved for release under approval CBDRB-FY21-126. We would like to thank David Hornick for help understanding CPS ASEC sampling and weighting.

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1 Introduction

Nonresponse in household surveys has been increasing for decades, both in the United States (Williams and Brick, 2018) and around the world (Luiten, Hox and de Leeuw, 2020). If nonresponse is nonrandom, higher nonresponse may result in increased nonresponse bias. Over the same period, additional data, including administrative data, has become more available. Administrative data can help us both evaluate whether nonresponse is random and correct for nonresponse bias.

In this paper, we apply an improved method for survey weighing, entropy balancing (Hainmueller, 2012), which allows us to efficiently reweight to a high-dimensional vector of moment conditions. We also incorporate additional data into our reweighting procedure. The additional data include administrative data on income from the Internal Revenue Service (IRS) as well as linked information from the decennial census, the American Community Survey (ACS), and administrative records from the Social Security Administration (SSA) on the race, ethnicity, gender, citizenship, and nativity of household residents. Crucially, the linked information is available for both respondent and nonrespondent households, which allows us to estimate the distribution of characteristics in the linked data for the full target population.

With this linked data, we characterize selection into nonresponse over several years in the Current Population Survey Annual Social and Economic Supplement (CPS ASEC).¹ Given

¹The CPS is jointly sponsored the Census Bureau and the Bureau of Labor Statistics (BLS) and fielded monthly by the Census Bureau in order to track the nation’s labor force statistics, including the unemployment rate. Each year between February and April, the Census Bureau administers the ASEC by telephone and in-person interviews, with the majority of data collected each March. This supplemental questionnaire asks respondents about their income, health insurance status, etc. for the prior calendar year and the data are heavily used in policy and academic research.

the disruption to CPS ASEC survey operations in 2020 due to the Coronavirus pandemic, we focus, in particular, on how nonresponse differed in 2020 relative to prior years. We find limited evidence of nonrandom nonresponse in prior years (2017 to 2019), but strong evidence of nonrandom nonresponse in 2020. In 2020, higher income households were considerably more likely to respond to the CPS ASEC, biasing income statistics up. With our adjusted weights, we estimate that the survey overstated household income across the distribution, including by 2.8 percent at the median.

1.1 Research on Nonresponse Bias

Nonresponse bias has concerned survey sponsors throughout the development of scientific household surveys, so the literature on nonresponse bias is extensive and varied. Groves and Peytcheva (2008) survey 59 nonresponse analyses across a variety of research designs. Their meta-analysis comprises comparisons using survey frame variables, comparing responses to an earlier screener interview or other waves of the same survey, comparisons by the respondent's reported willingness to respond to a later interview, comparing respondents recruited from varying levels of field effort (e.g., rounds of follow-up or varying incentives), as well as the method we use: individually linking data from auxiliary records to sample units. They find that nonresponse bias is only weakly correlated to a given survey's response rate, and that the bias can vary widely across various estimates from the same survey.

Many analysts have previously measured nonresponse bias in the CPS specifically. Groves and Couper (2012) match CPS sampled households to their responses in the 1990 decennial census, finding differences by demographic characteristics. John Dixon, working at BLS, has written a series of CPS nonresponse analyses. For example his 2007 paper, matching the 2006 Basic CPS to the 2000 decennial census, finds slightly less biased unemployment rates during the summer months. Research at the World Bank (e.g., Korinek, Mistiaen and Ravallion, 2006, 2007; Hlasny and Verme, 2018; Hlasny, 2020) developed an iterated method to correct for nonresponse bias based on the observed relationship of income to nonresponse

across geographic areas. Heffetz and Reeves (2019) use difficult-to-reach respondents as proxies for nonrespondents.

The methods we employ in this paper follow most directly from a line of nonresponse papers developed at the U.S. Census Bureau. Extending Sabelhaus et al.’s (2015) linkage of Consumer Expenditure Survey and CPS ASEC samples to IRS ZIP-code-level income tables, Bee, Gathright and Meyer (2015) pioneered the method of linking nonrespondents of nationally representative surveys to administrative records via the Master Address File. Linking IRS Form 1040 records to the 2011 CPS ASEC, they find little selection into response across much of the unconditional income distribution, but uncover some selection on other demographic characteristics like marital status and number of children in the sampled household.

Brummet et al. (2018) apply this method to the Consumer Expenditure Survey, finding that high-income households are less likely to respond. Mattingly et al. (2016) apply the method to the Wave 1 2008 Survey of Income and Program Participation (SIPP), finding no evidence of nonresponse bias. Eggleston and Westra (2020) extend the address-linking method to estimate new weights for Wave 1 2014 SIPP respondents, finding similarly negligible biases across the income distribution.

Our method, in turn, extends Eggleston and Westra along a number of dimensions. First, we link a wider set of auxiliary data. Second, we link multiple survey years to track trends in nonresponse functions over time. Third, we use a different reweighting mechanism: Eggleston and Westra employ Chi-Square Automatic Interaction Detection while we use entropy balancing (Hainmueller, 2012).

1.2 The Coronavirus Pandemic and Nonresponse in the 2020 CPS ASEC

The Coronavirus pandemic has had wide-ranging impacts on the lives and well-being of individuals and households. Surveys of those individuals and households are an important

input into understanding those impacts. However, survey operations themselves have also been affected by the pandemic, which may affect the quality of the data we use to evaluate these impacts.

In 2020, data collection faced extraordinary circumstances. On March 11, 2020 the World Health Organization announced that COVID-19 was a pandemic. Interviewing for CPS ASEC in March began on March 15. In order to protect the health and safety of Census Bureau staff and respondents, the survey suspended in-person interviewing and closed the two Computer Assisted Telephone Interviewing (CATI) Centers on March 20. Through April, the Census Bureau continued to attempt all interviews by phone. For those whose first month in the survey was March or April, the Census Bureau used vendor-provided telephone numbers associated with the sample address to try to reach households.²

While the Census Bureau went to great lengths to complete interviews by telephone, the response rate for the Basic CPS was 73 percent in March 2020, about 10 percentage points lower than in preceding months and the same period in 2019.³ Figure 1 shows the unweighted response rate of the Basic CPS from April 2010 to October 2020. The sharp decline in response in March and April 2020 is clearly visible.

Additionally, the BLS stated in their FAQs accompanying the April 3 release of the March Employment Situation, “Response rates for households normally more likely to be interviewed in person were particularly low. The response rate for households entering the sample for their first month was over 20 percentage points lower than in recent months, and the rate for those in the fifth month was over 10 percentage points lower.”⁴

²For a more complete description of data collection during the pandemic, see Berchick, Mykyta and Stern (2020).

³This paper focuses on response at the housing unit level, or unit nonresponse. In unit nonresponse, no response information is available from any individual in the household. Nonresponse is also possible at the item level. For item nonresponse, an individual responds to the survey but does not answer a particular question. Because the CPS ASEC is a supplement to the Basic CPS, it is also possible for an individual to be a supplement nonrespondent. In that case, the individual answers the Basic CPS but does not provide enough information to questions in the ASEC supplement to be considered a respondent.

⁴<https://www.bls.gov/cps/employment-situation-covid19-faq-march-2020.pdf>. The Basic CPS uses a 4-8-4 design, where housing units are in sample for four months, called month-in-sample (MIS) 1-4, then out of sample for 8 months and then back in sample for 4 months, MIS 5-8.

The CPS ASEC response rate is complicated by the different months and samples that feed into the survey.⁵ Further, it includes an adjustment factor to account for those who responded to the Basic survey but did not answer the supplement.⁶ The Census Bureau estimates that the combined supplement unweighted response rate was 61.1 percent in 2020, down from 67.6 percent in 2019.

In processing responses to the CPS ASEC (or any survey), the Census Bureau has methods in place to adjust for nonresponse, through survey weights. For the CPS ASEC, this includes several stages of adjustment. One adjustment controls for differential response rates of housing units within and outside of Metropolitan Statistical Areas. Additional weighting adjustments control the CPS ASEC sample to independent population estimates by age, sex, race, and Hispanic origin at the national and state levels. These controls ensure that the weighted shares of groups in the CPS ASEC match closely to their independently estimated shares in the target population.⁷

To assess nonresponse bias in the CPS ASEC, we link addresses selected for inclusion in the sample to various sources of administrative and prior survey and decennial census data. This data includes administrative earnings and income as well as demographic information such as individual age, race, gender, citizenship, and education. Using this information, we evaluate how households that do and do not respond to the survey differ over time.⁸

For 2020 in particular, we find evidence that the pattern of nonresponse to the CPS ASEC was unique, which has the potential to bias estimates generated from the data. Although

⁵Additional housing units are added to the CPS ASEC sample to oversample Hispanics and households with children, as discussed later in the paper.

⁶These supplement nonrespondents are included in the ASEC sample, with their ASEC income imputed conditional on their responses to questions in monthly CPS.

⁷For a more complete description, see the technical documentation at <https://www2.census.gov/programs-surveys/cps/methodology/CPS-Tech-Paper-77.pdf> and <https://www.census.gov/programs-surveys/cps/technical-documentation/methodology/weighting.html>.

⁸Households may not respond to a survey for a variety of reasons, such as inability to contact a household member, refusal to respond, or inability to respond (for example, due to language barriers). In 2020 in particular, one of those reasons could have been the inability of Census Field Representatives to reach a member of the household. Noninterview households may be a more accurate way to describe the households that could not be reached or refused the CPS interview. However, as nonresponse is the term used in the literature, we use that in this paper.

response rates were down for all groups, they declined less for high-income households than low-income ones. This biases income statistics up, overestimating the true values.

Berchick, Mykyta and Stern (2020) also examine the 2020 CPS ASEC for evidence of nonresponse bias, with a particular focus on estimates of health insurance coverage. They examine changes in the characteristics of respondents over time and compare health insurance estimates from the CPS ASEC to estimates from other surveys.

Two papers assess nonresponse bias during the pandemic in the monthly CPS over the same period. Ward and Edwards (2020) show that the distributions of demographic and socioeconomic characteristics change as response rates decline in the early months of the pandemic. Heffetz and Reeves (2021) use survey design features and information on the number of contact attempts to estimate of rotation-group bias and difficulty-to-reach bias. They find potential evidence of bias in estimates of the unemployment rate, but the direction and magnitude of the bias is uncertain.

2 Evaluating the 2020 CPS ASEC for Nonresponse Bias

2.1 Characteristics of Respondents and Nonrespondents

In order to compare respondent and nonrespondent households, we would like the same set of information for both groups. This has been difficult to achieve in the past, given the absence of information on nonrespondent households. We use administrative data linked to the address of the surveyed housing unit, which therefore is available for all households, independent of response type.⁹

⁹The linking methods we exploit here were developed independently by Census Bureau researchers. Brummet (2014) describes the development and performance of the system used to link household records, via residential address fields, to the Master Address File (MAF), called the “MAF Match”. Wagner and Layne (2014) describe the Person Identification Validation System (PVS) used to assign individual PIK values for linkage. PIKs are assigned by a probabilistic matching algorithm that compares characteristics of records in administrative and survey data to characteristics of records in a reference file constructed from the So-

In Table 1, we summarize the data used. A diagram of this process is also shown in Figure 2. We start with the CPS ASEC household file to get sample frame information. From that file, we get information on household response type (respondent, Type A non-interview, and Type B and C non-interview) and the Master Address File ID (MAFID) for each housing unit in sample.¹⁰ The MAF is the comprehensive address database maintained by the Census Bureau for its survey operations. Housing units in the CPS ASEC are selected from the MAF. Administrative data sets with addresses are also linked to the MAF using probabilistic linking on the address string. As a result, the MAFID can be used to link addresses across data sets.

We use the MAFID to link survey households to the 1099 Information Return Master File (IRMF). This file contains data on information returns filed on behalf of individuals, including for Forms W-2, 1098, 1099-DIV, 1099-G, 1099-INT, 1099-MISC, 1099-R, 1099-S, and SSA-1099. There is no income information on this file, as it only includes flags indicating which forms were filed. The file contains address information, including the corresponding MAFIDs, which we use to link it to the sample frame information. It also contains Protected Identification Keys (PIKs) for the individuals that received the information returns.

These PIKs enable all further links to other administrative and survey information. The PIKs do not necessarily identify all residents of a given housing unit, just those that received information returns. However, this roster of individuals is available for responding and nonresponding housing units. It does not necessarily correspond to the set of individuals we observed or would have observed living in the housing unit in the CPS ASEC.

We use these PIKs to get income information from the W-2 Master File and the 1099-R
 Social Security Administration (SSA) Numerical Identification System (or Numident) as well as other federal administrative data. These characteristics may include Social Security Number (SSN), full name, date of birth, address, place of birth, and parents' names depending on the information available in the data source. The PIK uniquely identifies a particular person and is consistent for that person over time. PIKs correspond one-to-one with a particular SSN. Consequently, the PIK allows us to link individuals across data sources. In administrative data with SSNs, that one-to-one mapping can be used to easily assign PIKs to individuals. See Wagner and Layne (2014) for more information on the assignment of PIKs to survey and administrative data.

¹⁰Type A non-interview housing units are nonrespondents. Type B non-interviews are vacant units. Type C non-interviews are non-residential addresses and are thus also ineligible for inclusion the survey.

Information Return Master File. The W-2 files include taxable wage and salary earnings and deferred compensation amounts for all W-2 covered jobs. The 1099-R files include income amounts from pension plans and withdrawals from defined-contribution retirement plans (such as 401(k)s) as well as income from survivor and disability pension plans, but excluding rollovers. For both files, the income covered matches the CPS ASEC reference period. We use only those forms posted to IRS databases by week 19 of the CPS ASEC calendar year, to match the data availability for 2020 during regular CPS ASEC production.¹¹

Next, we link the PIKs to the 1040 Returns Master File from the prior calendar year. Due to the pandemic, the 2020 tax filing deadline was extended to July 15. We do not use 1040s filed in 2020 as we are concerned about non-random selection of households into early filing in 2020, which might affect comparisons to prior years.¹² Instead, for each CPS ASEC year, we use 1040s filed by the linked individuals in the prior calendar year for income from the year before the CPS ASEC reference period. For example, for the 2020 CPS ASEC, individuals report income for 2019 in the survey, but the linked 1040 filed in 2019 covers income from 2018. Although this income is not from the CPS ASEC reference period, it does provide information on the characteristics of responding and non-responding households. For tax filers, the 1040 file contains information on adjusted gross income (AGI), wage and salary earnings, interest, dividends, gross rental income, and social security income. The 1040 also contains information on marital status (through joint filings) and PIKs for up to four dependents.

We also use the PIKs to link to several other sources of demographic and socioeconomic information. From the Social Security Administration's (SSA) Numident file, we get information on each individual's age, gender, and citizenship status.¹³ From the 2010 Decennial

¹¹Week 19 ended May 10, 2020, and May 12, 2019. W-2s are due to the IRS by January 31st each year. 1099-R filings are due to the IRS by March 31st.

¹²Tax filing in 2020, for tax year 2019, may also have been affected by incentives around stimulus payments. For example, nonfilers in tax year 2018, had an incentive to file their tax year 2019 returns to receive a stimulus payment, even if they would not otherwise have been required to file.

¹³The Numident, or Numerical Identification System, contains information on all individuals that have ever filed for an SSN.

Census short form file, we get information on age, gender, race, and Hispanic origin. From the American Community Survey (ACS), we get information on an individual's education if that individual was surveyed in any ACS from 2001 to 2018.

2.2 Differential Nonresponse using Linked Data

Table 2 shows the share of housing units that can be linked to each source of data used, either at the address/MAFID level for the 1099 IRMF or at the person/PIK level for the other files. In non-pandemic years (2017-2019, in Columns (1)-(3)), respondents and nonrespondents differ slightly in the forms that can be linked to their addresses. Respondents are more likely to have any information return in the 1099 IRMF, less likely to have a W-2, more likely to have a 1099-R, more likely to have filed a 1040 (in the prior year), and more likely to have an individual that can be linked to a 2010 census or ACS respondent. However, the relationships are not statistically different over time as the year-to-year comparisons of respondents and nonrespondents show in Columns (5) and (6).¹⁴

However, as shown in Column (7), the year-to-year change in the differences between respondents and nonrespondents is larger in 2020 for most linked data sets. Response in 2020 was increasingly associated with the presence of an information return (1099 IRMF), the presence of a W-2, filing a tax return (1040) in the prior year, and linkage to the 2010 census.

With the linked data, we can summarize the characteristics of responding and nonresponding housing units. Table 3 shows summary statistics on race, Hispanic origin, nativity, and education for linked housing units. Race and Hispanic origin use the linked 2010 census. The value for a given household is set to one if at least one individual in the housing unit is in that race or Hispanic-origin group in the 2010 census and zero otherwise. Nativity information comes from the Numident and again, the categories are set to one if a household member is in each group in the Numident and zero otherwise. Education information

¹⁴All statistics in this section use the base weights that reflect the probability of selection into the sample and standard errors are calculated using the baseline replicate factors that account for the sample design.

comes from the ACS, and a household is categorized by the reported education of the most educated linked individual. Housing units are only included in the sample for each summary statistic if at least one member is linked to the corresponding source data set.

In Columns (1)-(4), Table 3 compares the characteristics of respondents and nonrespondent in each year from 2017 to 2020.¹⁵ In each year, respondents are less likely to be Black and they are more likely to be White and Hispanic.¹⁶ Columns (5)-(7) again show the change each year in the estimates shown in (1)-(4). The results show that response in 2020 was increasingly associated with being non-Hispanic, native born, and more educated.

Using the linked data, we can also evaluate how household response correlates with administrative income. We test two measures of income: 1) the sum of all W-2 earnings at the address in the prior year (matching the survey reference year) and 2) the sum of adjusted gross income (AGI) for income one year before the reference period on tax returns filed by linked individuals at the address in the survey year.

In Table 4, we compare the mean and various percentiles (10th, 25th, median, 75th, and 90th) of income for respondents and non-respondents over time, with the results shown in Figure 3 as well. The annual estimates from 2017 to 2020 are shown in Columns (1)-(4). While there are differences between respondents and nonrespondents from 2017 to 2019, most comparisons of W-2 and AGI income statistics are not statistically different. However in 2020, respondents have higher income than nonrespondents at nearly every percentile in the table.¹⁷ The difference-in-difference comparisons in Columns (5)-(7) also highlight how unique selection into response on income was in 2020. For every statistic except mean AGI, respondents had higher incomes relative to nonrespondents in 2020 than in 2019, whereas the same was not true for most other year-to-year comparisons of respondents and nonre-

¹⁵For 2017, we use the CPS ASEC Research File, and for 2018, we use the CPS ASEC Bridge File. These files incorporate updates to the CPS ASEC processing system, implemented in 2019. By using these files, we are not comparing across a break in series. See Semega et al. (2019) for more information on the updated processing system.

¹⁶They are also less likely to be high school graduates and more likely to be college graduates in three of the four years.

¹⁷In 2020, responding housing units have higher incomes at the mean and 25th, 50th, 75th, and 90th percentiles of W-2 earnings as well as at the 10th, 25th, 50th, 75th, and 90th percentiles of prior-year AGI.

spondents.

However, it is possible that income is highly correlated with observable characteristics, such as age, which are controlled for in the current weighting system. The state-level race, Hispanic origin, age, and gender information could in principle fully adjust the weights to account for selection into response by income. To test whether this is likely, we regress survey response on administrative income (in various income bins) with and without conditioning on the other demographic and socioeconomic information available in the linked data. In the controls, we include information from linked individuals on race, age, Hispanic origin, education, citizenship status, dummies for each linked administrative data source, state fixed effects, and the number of linked household members. As before, we run the regressions on each year and compare the year-to-year changes to evaluate whether the change from 2019 to 2020 is different than in other years.

The results are shown in Table 5, Figure 4 (no controls), and Figure 5 (full controls) for W-2 earnings.¹⁸ With or without controls, response in 2020 was more strongly associated with income than prior years, whether income was measured as W-2 earnings or prior-year 1040 AGI.¹⁹

From 2017 to 2019, we do not see strong evidence of nonresponse bias due to differential nonresponse by low- and high-income households. This is consistent with the results in Bee, Gathright and Meyer (2015), which does not find strong evidence of nonresponse bias using 1040 data in the 2011 CPS ASEC.

However, income is strongly associated with nonresponse in the 2020 CPS ASEC. High-income households, as measured by their W-2 earnings or 1040 AGI in the prior year, are more likely to respond than low-income households. Conditioning on observable demographic and socioeconomic data did not eliminate this variation in nonresponse by income.

¹⁸For AGI in the prior year, the results are available in Figure A1 (no controls), and Figure A2 (full controls), with the values shown in Table A1.

¹⁹We also conducted robustness checks to test whether was primarily due to respondents in the 1st and 5th month in sample, where face-to-face interviews are more often required. We found selection in income for both groups when we divided the sample into: 1) months in sample 1 and 5, and 2) months in sample 2-4 and 6-8, shown in Tables A2 and A3.

Differential nonresponse has the potential to bias many estimates generated from CPS and CPS ASEC data. The pattern of nonresponse in 2020 could bias income up and poverty down, with additional effects on other correlated statistics such as health insurance coverage, education, etc.

3 Weighting for Nonresponse

To correct for this selection into response, we would like weights that condition on income and other characteristics available in the linked administrative, census, and survey data. However, the existing survey weights cannot, because they condition on the available demographic information in the survey. In this section, we first describe the existing weighting procedure for the CPS ASEC and then discuss our alternative weighting procedure, entropy balancing.

3.1 CPS ASEC Survey Weights

The CPS ASEC sample is a combination of several subsamples. The largest portion of the sample comes from the March Basic CPS. In 2019, 75 percent (71,000) of the approximately 95,000 housing units sampled for the ASEC came from the March Basic CPS sample. In addition, the CPS ASEC is supplemented with a sample of Hispanic households identified the previous November, which we call the Hispanic oversample. The Hispanic oversample comprised 7 percent (6,600) of the housing units in the 2019 ASEC sample. Finally, the CPS ASEC includes additional households, primarily to improve the precision of state-level children's health insurance coverage estimates, called the SCHIP oversample.²⁰ The SCHIP oversample has three components: 1) asking the ASEC Supplement questions of one-quarter of the February and April CPS samples; 2) interviewing selected sample households from the preceding August, September, and October CPS samples during the February-April period

²⁰CHIP, for the Children's Health Insurance Program.

using the ASEC Supplement; and 3) increasing the monthly CPS sample in states with high sampling errors for uninsured children. The SCHIP oversample comprises 18 percent (17,000) of the housing units in the ASEC sample.

Each subsample is selected separately, and each household has a base weight defined by the probability of selection into that subsample. The final CPS ASEC person weights are estimated as follows:

1. Set the initial subsample base weight to account for the probability of selection into each sample group,
2. Make any needed special weighting adjustments (for selection into the main or each oversample),
3. Adjust for differential nonresponse of those inside and outside of Metropolitan Statistical Areas,
4. Apply a two-stage coverage procedure (national-level and state-level coverage ratios) and a three step iterative raking procedure to match to external estimates of state population totals by age and sex; to race population totals by age and sex; and to Hispanic origin population totals by age and sex. This also includes a step where the weights of spouses are equalized, with any necessary additional adjustments made to unmarried men and women to match the population totals after spousal equalization.

The person weight for the “householder” is the supplement household weight.²¹

Step (4) in the weighting process simultaneously adjusts weights for differential nonresponse across age, sex, race, and Hispanic origin and accounts for oversampling of various demographic groups as part of the Hispanic and SCHIP oversamples.²² This step is not

²¹The householder is the person (or one of the people) in whose name the home is owned or rented. If a married couple owns the home jointly, either spouse may be listed as the householder, depending on who responded to the survey.

²²The base weights account for the probability of selection into each sample group: the March Basic CPS sample, the Hispanic oversample, and the SCHIP oversample. Without differential nonresponse by demographic group, the adjustment in (4) will decrease the weight on Hispanic individuals in the March Basic

amenable to adjustment for differential nonresponse by many additional characteristics, such as various measures of income, education, citizenship, etc., that are used in this paper.²³

3.2 Entropy Balance Weights

To correct for nonrandom nonresponse we create weights using entropy balancing (Hainmueller, 2012) that condition on characteristics that are not observable in the survey. We use the unobservable information (in the survey) from the linked administrative, census, and survey data, which is available for all linkable households, regardless of whether they responded or not. Entropy balancing estimates the set of weights that matches a specified set of moment constraints while keeping the final weights as close as possible to the initial weights.

More specifically, Suppose we have n observations, where $i = 1, 2, \dots, n$ with base weights based on sampling probabilities of $q = \{q_1, q_2, \dots, q_n\}$. Entropy balancing estimates set of weights $w = \{w_1, w_2, \dots, w_n\}$ that solve the following minimization problem:

$$\min_w \sum_{i=1}^n w_i \log\left(\frac{w_i}{q_i}\right) \quad (1)$$

subject to several sets of constraints. First, we have p moment conditions. For observable characteristic $X_{i,j}$, where $j = 1, 2, \dots, p$, the moment conditions are defined to match a vector of pre-specified constants \bar{c}_j , where:

$$\sum_{i=1}^n w_i c_j(X_{i,j}) = \bar{c}_j. \quad (2)$$

CPS, for example, to adjust for the additional individuals present in the Hispanic oversample. However, if Hispanic individuals are also more or less likely than non-Hispanics to respond to the survey, the relative weights of the two groups in (4) will also change to control for the differential nonresponse.

²³The challenge is both in the higher dimensionality of the weighting adjustment in this paper and in the complicated nature of the current code.

Second, we have constraints on the weights themselves:

$$\sum_{i=1}^n w_i = \bar{w} \quad (3)$$

$$w_i \geq 0, i = 1, \dots, n$$

which ensure that the weights sum to some pre-specified total weight \bar{w} , which can be the population count or 1. The value of \bar{w} does not affect the relative weights of each observation.

$c_j(\cdot)$ can be any arbitrary function used to define a moment constraint. As such the weights can be adjusted to match pre-specified moments such as population means, variances, higher-order moments, moments of any transformed distribution of $X_{i,j}$, etc. In summary, entropy balancing adjusts the weights according to (1), subject to the constraints in (2) and (3).²⁴

Entropy balancing has several appealing features for this application. The first is flexibility. Inverse probability weighting (or any simple regression-based reweighting technique) is only amenable to matching characteristics of the distribution in the sample, but not external targets. Entropy balancing, on the other hand, will adjust the weights to match any properly specified target moment, whether that moment constraint was estimated on the sample data or external data. The second is statistical efficiency, which is achieved by keeping the final weights as close as possible to the initial probabilities of selection through the inclusion of w_i/q_i in (1). The third is computational efficiency – entropy balancing allows matching to a high-dimensional vector of moment constraints. In our application, we use state-level population controls that include estimates of the share of the population in 20 separate groups in each of the 50 states and the District of Columbia.²⁵ That yields 1,020 separate target population moments. Fourth, entropy balancing directly adjusts the weights to the moment

²⁴In practice, as is not necessarily possible to satisfy all constraints simultaneously with one free parameter (the weights), the analyst sets a tolerance level for the moment constraints. The weighting algorithm adjusts the weights iteratively until all constraints are satisfied subject to the specified tolerance.

²⁵The 20 groups are 12 estimates from 3 age groups (0-17, 18-64, 65 and over) by demographic cells (Black, White, Hispanic, and female) as well as state-level estimates of the population in 8 age groups (0-5, 6-12, 13-17, 18-24, 25-34, 35-44, 45-54, 55-64, and 65 and over, where the total is 8 because one is excluded).

conditions, like with raking but unlike single-index propensity score reweighting approaches (such as inverse probability weights). In propensity score approaches, the adjustment is made to the single index generally estimated from a regression. The resulting balance must be assessed to evaluate the success and quality of the propensity score model. In some cases, a misspecified propensity score model can make balance worse on a given set of dimensions. As entropy balancing directly targeting those moments, balance is assured.

We would like to reweight the respondent sample so that its distribution of characteristics matches the target population from which the sample was drawn. However, some characteristics are not observable for all housing units with the available linked census, survey, and administrative data. For example, we do not observe any demographic information for housing units that are not linked to an information return in the IRMF file. Therefore, we use a second source of data for our reweighting – external estimates of population by geography. For both the linked data and the external population estimates, we can specify a set of moment conditions, which are intended to capture the distribution of characteristics in the target population.

Our data has one additional complication, however — the target moments are at separate levels of aggregation. The estimates from the linked administrative, survey, and census data are at the housing unit level whereas the external state-level population moments are at the individual level. Entropy balancing is not amenable to matching moments at different levels of aggregation. Therefore, we proceed with a two-stage reweighting procedure, which we discuss below and summarize in Table 6.

In the first stage, we adjust the household base weights for nonresponse, controlling to moments estimated from the linked administrative, census, and survey data. The target distribution is estimated using the non-vacant housing units in the March Basic CPS Sample, which includes both respondent and nonrespondent housing units. Given the known probability of inclusion in the sample (using the base weights), these moments are estimates of the underlying population moments for each of the included characteristics. The mo-

ments include housing-unit level summary statistics on race, Hispanic origin, age, marital status, income, sources of income (through information return dummies), and citizenship and nativity.

Entropy balancing adjusts the housing unit weights so that the weighted estimates from respondent units matches the moments estimated from all non-vacant households. Let us designate the housing-unit moment constraint variables as $X_{i,j}^L$, where L indicates linked data. Let w_i^1 be the output weights of the first-stage reweighting. Given n respondent households, and a set of non-vacant (occupied) households O , where $i = 1, \dots, n_O$ with survey base weights q_i , the moment conditions are of the form:

$$\sum_{i=1}^n w_i^1 c_j(X_{i,j}^L) = \sum_{i=1}^{n_O} q_i^1 c_j(X_{i,j}^L). \quad (4)$$

With these moment conditions, we estimate w_i^1 for each household using entropy balancing.

In the second stage, we would like to create weights (denoted w_i^2) at the individual level that adjust to external population controls while maintaining the household weighting adjustment from the first stage. We do so by simultaneously matching to three sets of target moments. For the first set (2.A. in Table 6), we calculate householder-weighted moments using the same linked administrative, survey, and census variables used in the first stage. Because the householder designation is generally arbitrary across spouses and partners, we also create householder-partner-weighted moments for the same variables. For the householder-partner moments, we reassign householder status to the spouse or cohabiting partner of the householder, if one is present.

Because the household weight in the CPS ASEC is the same as the person weight of the householder, this set of constraints ensures that the moment conditions from the first-stage household level reweighting are preserved. Let m be the number of individual respondents. Given a householder dummy where $H_i = 1$ for the householder and 0 otherwise, this set of

moment conditions is:

$$\sum_{i=1}^m w_i^2 H_i c_j(X_{i,j}^L) = \sum_{i=1}^m w_i^1 H_i c_j(X_{i,j}^L) \quad (5)$$

This does not require that $w_i^2 = w_i^1$ for any individual householder, just that the specified moments constraints from the first-stage weights, from equation (4), hold in the second-stage weights, as well.

For the second set of moments in the second-stage reweighting (2.B. in Table 6), we approximate the spousal level equalization that is part of existing CPS ASEC weights. We include this set of conditions because the order in which spouses listed on the file is arbitrary and should not affect the resulting weights. Let $S = 0, 1, 2$, where $S = 0$ if an individual is unmarried, 1 if the individual is the first spouse or cohabiting partner on the file, and 2 if the individual is the second spouse or partner on the file. Given an indicator function $I(\cdot)$, the spousal equivalence moment condition for a given characteristic in the linked data is:

$$\sum_{i=1}^m [I(S = 1)w_i^2 c_j(X_{i,k}^L) - I(S = 2)w_i^2 c_j(X_{i,k}^L)] = 0. \quad (6)$$

This does not require that each spouse's weight be equal to their partner, as that would require a separate moment condition for each couple. Instead it requires that the characteristics of the households of spouses in the linked data be balanced.

The third set of moment conditions (2.C. in Table 6) reweight the individual observations to match the age by race/Hispanic-origin/Gender cells for each state and the District of Columbia, as noted above.²⁶ These conditions have the simple form of equation (2).

With these three sets of conditions, we reweight the March Basic CPS sample to simultaneously match the household-level linked administrative data and the individual-level state population targets. For each individual, the initial weights (q_i) for the stage 2 reweighting

²⁶The external population estimates can be found at <https://www.census.gov/data/tables/time-series/demo/popest/2010s-state-detail.html> (accessed 1/15/21). For this paper, because the existing CPS ASEC weights already incorporated these population totals, we estimated target moments directly from the existing survey weights.

are the households weights from the stage 1 reweighting (w_i^1), so that equation 1 becomes:

$$\min_w \sum_{i=1}^n w_i^2 \log\left(\frac{w_i^2}{w_i^1}\right). \quad (7)$$

However, for the full CPS ASEC sample, there is an additional complication. The full sample includes groups that were oversampled based on observable characteristics in survey responses, including Hispanic-origin and the presence of children. Therefore, in the full sample, the weights for these oversampled individuals and households need to be adjusted to reflect their prevalence in the population. To do this, we add a fourth set of moment conditions (2.D. in Table 6). We create these conditions from the entropy-balance weighted March Basic sample, because that sample is a stratified random sample that is not affected by oversampling based on observable characteristics. Let $w_i^{2,M}$ be the second-stage weights from the March Basic Sample and $w_i^{2,F}$ be the second-stage weights from the full CPS ASEC sample and m_F and m_M be the number of individuals in the full and March Basic CPS samples. This fourth set of conditions is of the form:

$$\sum_{i=1}^{m_F} H_i w_i^{2,F} c_j(X_{i,k}) = \sum_{i=1}^{m_M} H_i w_i^{2,M} c_j(X_{i,k}). \quad (8)$$

This fourth set of moments includes information on race, Hispanic origin, income (from the linked administrative data), and the number of adults and children in the household. Without this set of conditions, estimates of the number of households by type (especially for oversampled groups) differ between the full and March Basic CPS ASEC samples. Additionally, without these constraints, observables-based oversampling in the full CPS ASEC biases estimates for oversampled subgroups relative to estimates from the March Basic sample. Although we focus on the estimates from the full CPS ASEC sample in this paper, we present the results from the Basic March Sample as well, because it is a stratified random sample with no oversampling based on observable characteristics from survey responses.

We call the final weights using this procedure the entropy balance weights (EBW). For

valid inference, we repeat the above two-stage reweighting procedure 160 additional times using the baseline successive difference replicate factors created during the sampling process, which are available for all households regardless of response status. These replicate factors account for the sampling design of the Basic Monthly CPS and CPS ASEC. Also, the first-stage target moments from the March Basic CPS sample are estimates and subject to uncertainty. By repeating the procedure with the base weights and replicate factors, the variation in the final weights across the replicates will reflect this uncertainty as well.²⁷ All standard errors reported using EBW are calculated with these 160 replicate-factor EBW.

4 Results

4.1 Summary Statistics

To evaluate our weighting procedure, we compare the survey estimates to both sets of EBW: 1) the full CPS ASEC sample (denoted Full EBW or EBW in the tables and figures) and 2) the March Basic CPS ASEC sample (denoted March EBW in the tables and figures). In the text, we will primarily focus on the Full EBW comparisons.

Table 7 compares summary statistics between the full sample of respondents and nonrespondent households to the respondents only using the unadjusted base weights. Columns (1)-(4) use the March base weights, which reflect the probability of selection into the sample for each housing unit. These estimates are the target distribution for the first-stage entropy balance adjustment. As expected, without adjusting for oversampling or selection into response, there are important differences in the samples. For example, from Columns (9)-(12), March Basic CPS respondents select into response by age, education, and race. The estimates for the CPS ASEC sample in Columns (5)-(8) reflect both nonrandom nonresponse and the characteristics of oversampled households.

²⁷At present, we do not include uncertainty in the external population targets, but we hope to explore how best to account for that uncertainty in the weights as well.

Table 8 shows these same comparisons after the EBW nonresponse adjustment. By construction, we no longer see many meaningful or statistically significant differences between the EBW-based estimates and the baseline estimates from non-vacant units.²⁸

Next, we compare the different weights (survey, first-stage EBW and second-stage EBW) by income bin in each survey year for respondent households. For W-2 earnings (Figure 6), the survey weights show a U-shaped pattern in each year. Low- and high-earnings households have relatively higher weights, as do households with no linked W-2. The same is true for the EBW weights in Panels B and C, except in 2020. The same general pattern is visible in Figure A3 for 1040 AGI and Figure A4 for survey-reported household income. For each income type, the weights from the EBW adjustment were higher in 2020 for low income households and lower for high income households, reflecting the unique selection into response by income in 2020.^{29,30}

Table 9 summarizes various demographic and socioeconomic characteristics using the different weights at the person level. For the external population targets of the EBW adjustment (such as for Blacks, Whites, and Hispanics), the point estimates of the differences between the differences round to 0. However, there are differences in the estimates, especially for 2020. For example, the EBW weights estimate lower levels of education in 2020 than the survey weights. EBW weights also estimate different shares of native and foreign-born citizens than the survey in some years.

²⁸Even for characteristics that are targets for the entropy balance procedure, there can be differences in the estimates as not all moment conditions can be matched exactly, especially with a large number of moment constraints. However, the magnitude of the statistically significant differences are small in all cases.

²⁹This pattern is descriptive in nature only and has not been tested for statistical significance. In the next section, we formally test the impact of alternative weights on various statistics of interest from the survey over time.

³⁰One possible concern about the response in 2020 is that classification of households as vacant or nonvacant would be more difficult for Field Representatives during the pandemic, leading to potential misclassification. As we exclude vacant units for our analysis, vacancy misclassification could also introduce bias into our estimates if that error were related to household characteristics, such as income.

4.2 Income and Poverty Estimates

Using the alternative weights, we estimate various statistics of income and poverty to assess the bias from selection into response, for survey years 2017 to 2020 (and reference years 2016 to 2019).

Note that we continue to refer to the survey years in the text, tables, and figures to keep the year references consistent across table and more clearly identify the 2020 CPS ASEC as the one affected by the pandemic. However, keep in mind that the reference period is the prior year in the CPS ASEC. Therefore, for example, when we discuss statistics for the 2020 CPS ASEC, we are discussing income earned or received in 2019.

Household Income

In Table 10, we estimate household income at five-percent intervals from the 5th to 95th percentile, using linear interpolation. In Table 11 and Figure 7, Panel A, we show comparisons between the estimates using the survey weights and alternative weights. There are no statistically significant differences between the full EBW and survey estimates from 2017 to 2019 and only a handful for the March EBW compared to the survey. However, in 2020 using the full EBW, we estimate much lower income across the distribution than with survey weights. For the 25th, 50th, and 75th percentiles, the respective full EBW estimates are 3.1 percent, 2.8 percent, and 2.1 percent lower than the survey³¹.

Table 12 and Figure 7, Panel B show estimates of year-to-year growth in real household income using each weight. For 2018 and 2019, year-to-year changes track very closely to the estimates using alternative weights, with no statistically significant differences in the year-to-year growth. However, there is a level difference in the estimates from the 2020 ASEC, with the EBW estimating substantially lower growth in income.

In the 2020 CPS ASEC, real median household income increased 6.8 percent using the survey weights, compared to 4.0 percent with the full EBW. This would change the year-to-

³¹The three estimates (3.1, 2.8, and 2.1 percent) are not statistically different from each other.

year increase estimated from the 2020 CPS ASEC from the largest point estimate increase in the series (going back to 1967) to the 93rd percentile of year-to-year changes. The adjusted estimates would indicate that 2019 (from the 2020 CPS ASEC) was still a very good year for income, even if it did not necessarily have the most year-to-year growth in the historical income series.

Figure 8 shows comparisons between the survey and full EBW estimates for various subgroups of households, including by race, Hispanic-origin, and age of the householder. For all subgroups shown, there are few statistically significant differences in income between the full EBW and survey estimates from 2017 to 2019. However, the full EBW estimates in 2020 are lower across much of the distribution for all groups but Hispanics.³²

Poverty

Poverty estimates are shown in Table 13. The official poverty measure, using survey weights, estimates a decline of 1.3 percentage points using the 2020 CPS ASEC. With the full EBW, we estimate a poverty decline of 1.1 percentage points, which was not statistically different from the survey estimate.

Estimates for the Supplemental Poverty Measure (SPM) are also shown in Table 13.³³ With survey weights, the SPM declines 1.0 percentage points using the 2020 CPS ASEC. With the Full CPS ASEC EBW, we estimate an SPM decline of 0.8 percentage points – although as with official poverty, this was not statistically different from the survey estimate.

Comparing the full EBW to survey estimates for the subgroups shown in the Table (Whites, Blacks, and Hispanics), none of the estimated poverty rates or year-to-year changes are statistically different.

³²However, not all of the large estimated differences are statistically significant.

³³For more information about the Supplemental Poverty Measure, see Fox (2020).

5 Public-Use Weights

Entropy balancing is also very amenable to the release of public-use weights. To release weights based on administrative data, we would like the public-use weights to replicate important estimates while protecting the privacy of respondents.

We achieve this by defining moment conditions from a set of covariates that is only available in the survey, $X_{i,j}^S$. We include target moments from survey-reported demographics, household and personal income, poverty, education, health insurance status, among other survey characteristics. We can then estimate public-use weights, w_i^{PU} , with initial weights equal to the sampling probability weights q_i , subject to the following constraints:

$$\sum_{i=1}^n w_i^{PU} c_j(X_{i,j}^S) = \sum_{i=1}^n w_i^2 c_j(X_{i,j}^S). \quad (9)$$

The constraints in Equation 9 ensure that important statistics match when estimated from the full EBW and the public-use EBW. However, because the public-use EBW only matches the moments of characteristics available in survey responses, it helps protect the linked information against disclosure. For example, if having high AGI or W-2 earnings predicts response after conditioning on survey responses, then having a lower weight than expected given the survey information in the full EBW suggests that an individual or household had higher than expected administrative income. With the public-use EBW, that would not necessarily be the case. The public-use weights reflect the expected response probability of people with the same survey characteristics (given the distribution of linked information for those people), not necessarily that individual or household's administrative information.³⁴

Our public-use weights are estimated using the same two-stage procedure as discussed in section 3.2 and shown in Table 6. However, for the public-use weights, in both stages the moments are estimated from the full CPS ASEC sample using the full EBW. The first-stage public-use reweighting ensures that the included survey response moments at the household

³⁴Public-use weights are available at <https://www.census.gov/data/datasets/time-series/demo/income-poverty/data-extracts.html>.

level match when estimated using the public-use EBW and the full EBW. The second-stage reweighting ensures that the person level moments also match, while preserving the match at the household level as well.

For mean and share-based statistics (such as poverty or mean household income), the public-use EBW estimates will match the full EBW by construction. However, that is not the case for some statistics of interest, such as medians. Medians cannot be targeted as a moment constraint in entropy balancing as medians are functions of the distribution, not of individual $X_{i,j}$ values. In Table A4, we show estimates of median household income for various subgroups using the survey weights, the full EBW and the public-use EBW, for reference.

6 Conclusion

Survey response rates have been declining for decades. The Coronavirus pandemic also affected survey operations and, potentially, respondent behavior. As a result, response rates declined further and substantially in the CPS beginning in March 2020. We evaluated selection into nonresponse using administrative, survey, and decennial census data linked to respondent and nonrespondent addresses. We found that nonresponse varied by income in 2020 in particular, with high-income households more likely to respond than low-income households, due to the COVID-19 pandemic. This relationship between income and nonresponse held even after controlling for other observable demographic and socioeconomic characteristics. Finally, we used entropy balancing to adjust the weights for selection into nonresponse in the CPS ASEC from 2017 to 2020. This adjustment had relatively small or no significant effect on income estimates from 2017 to 2019. However, estimates of income in 2020 were adjusted downward substantially.

While we did not see as large an impact of the adjustment on prior years, there are still differences between the EBW estimates and the estimates using existing survey weights,

such as by race, education, and citizenship/nativity in some years. We believe this approach has the potential to improve survey weights and reduce nonresponse bias in survey-based estimates beyond the CPS ASEC. For example, this approach holds promise as a method to weight linked survey and administrative data to be representative of a target population, which can then be used to create estimates of income that are less subject to survey misreporting and measurement error, as discussed in Bee and Rothbaum (2019). Furthermore, we applied entropy balancing to create public-use weights that protect the confidentiality of respondents, when it would be difficult to do so for weights estimated on the linked administrative data.

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Table 1: Data Used in this Paper

Data Set	Link Variable	Description	Variables Added
CPS ASEC Household File		Sampling and geographic information for all households in the CPS ASEC sample, whether they responded or not	MAFID, housing unit survey identifiers, location, response type, other sampling information, and survey information for responding households
CPS ASEC Person File	Housing unit survey IDs	Survey information for responding individuals	
1099 Information Returns Master File	MAFID	Person-level file of information returns filed for each individual by week 19 of the survey year. Covers income earned during the CPS ASEC reference period. No income information is contained in this file.	PIK for individuals receiving returns, flags for forms: W-2, 1098, 1099-DIV, 1099-G, 1099-INT, 1099-MISC, 1099-R, 1099-S, and SSA-1099
W-2 Return Master File	PIK	Universe of job-level earnings filed through week 19 of the survey year. Covers income earned during the CPS ASEC reference period.	Taxable earnings, deferred compensation
1099-R Return Master File	PIK	Universe level information return covering defined-contribution and defined-benefit pension plan earnings, as well as other survivor and disability income. Includes returns filed through week 19. Covers income earned during the CPS ASEC reference period.	Income from pension plans, withdrawals from defined-contribution retirement plans (such as 401(k)s), income from survivor and disability pension plans
1040 Master File	PIK	Universe of 1040 filings filed in the prior calendar year for income earned the year before the CPS ASEC reference period.	Adjusted gross income, wage and salary income, interest income, dividend income, gross rental income for tax units that filed taxes in the year prior to the CPS ASEC
SSA Numident	PIK	SSA master file of individuals with Social Security Numbers	Age and citizenship status
Census 2010 Short Form	PIK		Race and age
American Community Survey	PIK	Pooled responses to all ACS files from 2001-2018	Education

Notes: This table shows the administrative and survey data sets that are linked to CPS ASEC respondents and nonrespondent households. The initial link is at the address level to the 1099 IRMF file of information returns. Each subsequent is conditional on the 1099 IRMF link at the housing unit level, and all subsequent links are at the person level, using PIKs. Because the tax filing deadline was delayed in 2020 until July 15, we do not use 1040s filed in 2020 due to concerns about non-random selection of households into early filing in 2020 that would make comparisons to prior years difficult.

Table 2: Linkage Rates for Various Data Sources to CPS ASEC Respondents and Nonrespondents

Households Linked To:	Year				Difference		
	2017 (1)	2018 (2)	2019 (3)	2020 (4)	2018-2017 (5)	2019-2018 (6)	2020-2019 (7)
1099 IRMF							
Respondents	0.8242 (0.002398)	0.8231 (0.002194)	0.8128 (0.00247)	0.8355 (0.002483)	-0.001084 (0.002215)	-0.01039*** (0.002427)	0.02272*** (0.00231)
Nonrespondents	0.7874 (0.004893)	0.7818 (0.005006)	0.7663 (0.004175)	0.753 (0.00427)	-0.00552 (0.006337)	-0.01557** (0.006122)	-0.01324** (0.005414)
Respondents - Nonrespondents	0.03687*** (0.004346)	0.04131*** (0.004687)	0.04649*** (0.004347)	0.08246*** (0.004233)	0.004436 (0.006175)	0.005185 (0.00632)	0.03596*** (0.005657)
W2							
Respondents	0.6498 (0.002841)	0.6429 (0.002458)	0.6338 (0.002646)	0.6542 (0.002746)	-0.006874** (0.002852)	-0.00907*** (0.002542)	0.02037*** (0.002668)
Nonrespondents	0.6718 (0.005939)	0.6571 (0.005405)	0.643 (0.004737)	0.6352 (0.004768)	-0.01473** (0.007297)	-0.0141** (0.006294)	-0.007778 (0.006114)
Respondents - Nonrespondents	-0.02206*** (0.005712)	-0.0142*** (0.005199)	-0.009173* (0.004795)	0.01898*** (0.004823)	0.007856 (0.00746)	0.005027 (0.006604)	0.02815*** (0.006238)
1099R							
Respondents	0.3329 (0.002643)	0.3374 (0.00252)	0.3342 (0.002456)	0.2261 (0.00215)	0.004502* (0.002714)	-0.003161 (0.002761)	-0.1081*** (0.002675)
Nonrespondents	0.2711 (0.005178)	0.2763 (0.005119)	0.2708 (0.004891)	0.1548 (0.003345)	0.005221 (0.006475)	-0.005457 (0.006036)	-0.116*** (0.005695)
Respondents - Nonrespondents	0.06181*** (0.005116)	0.06109*** (0.005028)	0.06338*** (0.004787)	0.0713*** (0.003249)	-0.000719 (0.006818)	0.002296 (0.006185)	0.00792 (0.005749)
1040							
Respondents	0.7429 (0.002759)	0.7403 (0.002573)	0.7304 (0.002757)	0.7565 (0.002556)	-0.002518 (0.002593)	-0.009947*** (0.002707)	0.02609*** (0.002507)
Nonrespondents	0.7148 (0.005585)	0.7124 (0.005328)	0.6936 (0.004713)	0.6737 (0.004435)	-0.002396 (0.00706)	-0.01883*** (0.006589)	-0.01991*** (0.006105)
Respondents - Nonrespondents	0.02805*** (0.005222)	0.02793*** (0.005312)	0.03681*** (0.004905)	0.0828*** (0.004651)	-0.0001225 (0.007043)	0.008878 (0.006956)	0.04599*** (0.006414)
2010 Census							
Respondents	0.7713 (0.002574)	0.7706 (0.002395)	0.756 (0.002686)	0.7746 (0.002847)	-0.0006161 (0.002384)	-0.01461*** (0.002554)	0.01858*** (0.002557)
Nonrespondents	0.7178 (0.00524)	0.7066 (0.005369)	0.6929 (0.004752)	0.6733 (0.004834)	-0.01118 (0.006953)	-0.01367** (0.006289)	-0.01957*** (0.006093)
Respondents - Nonrespondents	0.05351*** (0.004855)	0.06407*** (0.004953)	0.06313*** (0.00481)	0.1013*** (0.004546)	0.01056 (0.006844)	-0.0009447 (0.006451)	0.03816*** (0.006291)
ACS							
Respondents	0.2224 (0.002129)	0.2226 (0.002122)	0.2184 (0.002031)	0.2252 (0.002251)	0.0001277 (0.002293)	-0.004171** (0.002127)	0.00678*** (0.002275)
Nonrespondents	0.1863 (0.004637)	0.1767 (0.004057)	0.1716 (0.003738)	0.18 (0.003587)	-0.009546 (0.005825)	-0.005138 (0.004584)	0.008451* (0.004433)
Respondents - Nonrespondents	0.03618*** (0.004613)	0.04586*** (0.004023)	0.04682*** (0.00389)	0.04515*** (0.003929)	0.009674 (0.006117)	0.0009676 (0.00508)	-0.001671 (0.004869)

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows the unconditional link rate between housing units in the full CPS ASEC sample and each data set in Table 1. The initial link is at the address level to the 1099 IRMF file of information returns. Each subsequent is conditional on the 1099 IRMF link at the housing unit level, and all subsequent links are at the person level, using PIKs. For person-/PIK-based links, a housing unit is classified as linked if at least one PIK can be linked. Standard errors are shown in parenthesis. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively, but asterisks are only shown for differences as all estimates for respondents and nonrespondents are significant at the 1-percent level.

Table 3: Shares of Characteristics of the CPS ASEC Sample from Linked Data for Respondent and Nonrespondent Households

Characteristic	Year				Difference		
	2017 (1)	2018 (2)	2019 (3)	2020 (4)	2018-2017 (5)	2019-2018 (6)	2020-2019 (7)
Race							
Black							
Respondents	0.1346 (0.002732)	0.1351 (0.002495)	0.1343 (0.002792)	0.1339 (0.002672)	0.0005482 (0.002313)	-0.0008427 (0.002457)	-0.0003569 (0.002567)
Nonrespondents	0.1603 (0.00547)	0.1672 (0.005189)	0.1678 (0.004515)	0.17 (0.004825)	0.006914 (0.006216)	0.0005049 (0.005836)	0.002292 (0.005562)
Respondents - Nonrespondents	-0.02574*** (0.004726)	-0.03211*** (0.004624)	-0.03346*** (0.004101)	-0.0361*** (0.004617)	-0.006366 (0.006011)	-0.001348 (0.005752)	-0.002649 (0.005462)
White							
Respondents	0.8238 (0.00265)	0.8247 (0.002753)	0.8291 (0.003036)	0.8252 (0.002845)	0.0009772 (0.002588)	0.004374 (0.002727)	-0.003901 (0.002806)
Nonrespondents	0.809 (0.005653)	0.8064 (0.005382)	0.8016 (0.00513)	0.7901 (0.005239)	-0.002527 (0.006817)	-0.00486 (0.006179)	-0.01142* (0.00592)
Respondents - Nonrespondents	0.01481*** (0.005273)	0.01832*** (0.004814)	0.02755*** (0.004708)	0.03507*** (0.004809)	0.003504 (0.006625)	0.009233 (0.006028)	0.00752 (0.005805)
Hispanic							
Respondents	0.1323 (0.002136)	0.1341 (0.002664)	0.1383 (0.002455)	0.1365 (0.002416)	0.001735 (0.002475)	0.004197* (0.002448)	-0.001798 (0.002651)
Nonrespondents	0.1145 (0.004388)	0.1171 (0.00448)	0.1283 (0.004521)	0.1522 (0.004117)	0.002521 (0.005229)	0.01126** (0.005666)	0.02385*** (0.005161)
Respondents - Nonrespondents	0.0178*** (0.004211)	0.01701*** (0.004347)	0.009949** (0.003949)	-0.0157*** (0.003738)	-0.000786 (0.0054)	-0.007062 (0.005691)	-0.02565*** (0.004885)
Native or Foreign Born							
Native Born							
Respondents	0.9269 (0.001543)	0.9245 (0.001599)	0.9215 (0.001657)	0.9246 (0.001639)	-0.002374 (0.001801)	-0.003045* (0.001711)	0.003089* (0.001756)
Nonrespondents	0.9332 (0.003027)	0.9228 (0.00326)	0.9278 (0.003279)	0.9161 (0.002978)	-0.01038*** (0.003904)	0.004958 (0.004149)	-0.01172*** (0.003758)
Respondents - Nonrespondents	-0.0063** (0.00276)	0.001701 (0.002986)	-0.006302** (0.003151)	0.00851*** (0.00275)	0.008001** (0.00387)	-0.008003* (0.004415)	0.01481*** (0.003744)
Foreign Born							
Respondents	0.09922 (0.001878)	0.1047 (0.002144)	0.1076 (0.002112)	0.1026 (0.001871)	0.005461** (0.002209)	0.002927 (0.002066)	-0.004964** (0.002197)
Nonrespondents	0.09121 (0.003643)	0.1001 (0.003738)	0.1034 (0.003809)	0.1169 (0.003825)	0.008914* (0.0046)	0.003289 (0.0045)	0.01346*** (0.004495)
Respondents - Nonrespondents	0.008009** (0.003486)	0.004556 (0.003492)	0.004194 (0.003585)	-0.01423*** (0.003617)	-0.003453 (0.004518)	-0.0003617 (0.004851)	-0.01842*** (0.00446)
Education							
High School Diploma (or above)							
Respondents	0.8832 (0.003073)	0.8726 (0.003014)	0.8666 (0.003197)	0.8635 (0.003497)	-0.01064*** (0.0038)	-0.006029 (0.003962)	-0.00308 (0.004122)
Nonrespondents	0.8781 (0.008419)	0.8944 (0.007178)	0.8497 (0.00854)	0.8167 (0.007535)	0.01629 (0.01038)	-0.0447*** (0.01057)	-0.03304*** (0.01145)
Respondents - Nonrespondents	0.005123 (0.009429)	-0.02181*** (0.007941)	0.01687* (0.008876)	0.04683*** (0.008142)	-0.02693** (0.01141)	0.03867*** (0.01176)	0.02996** (0.01232)
Bachelor's Degree (or above)							
Respondents	0.3523 (0.005294)	0.3491 (0.005068)	0.3565 (0.004909)	0.3645 (0.005132)	-0.003183 (0.005653)	0.00742 (0.005655)	0.008027 (0.005252)
Nonrespondents	0.324 (0.01196)	0.3469 (0.01238)	0.3129 (0.01194)	0.2836 (0.009781)	0.02286 (0.01511)	-0.03393** (0.0161)	-0.02933** (0.01258)
Respondents - Nonrespondents	0.02825** (0.01256)	0.002204 (0.01207)	0.04356*** (0.01212)	0.08091*** (0.01008)	-0.02605* (0.01574)	0.04135** (0.01732)	0.03735*** (0.01396)

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows the summary statistics for respondents and nonrespondents in the full CPS ASEC sample conditional on linkage to the source linked data set. Race and Hispanic-origin information is from the 2010 decennial census, citizenship information is from the Numident, and education information is from the ACS. Standard errors are shown in parenthesis. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively; but asterisks are only shown for differences as all estimates for respondents and nonrespondents are significant at the 1-percent level.

Table 4: Administrative Income for Linked CPS ASEC Respondent and Nonrespondent Households

Characteristic	Year				Difference		
	2017 (1)	2018 (2)	2019 (3)	2020 (4)	2018-2017 (5)	2019-2018 (6)	2020-2019 (7)
W-2							
Mean							
Respondents	96,360 (1,391)	94,680 (1,003)	97,100 (1,141)	100,700 (1,144)	-1,677 (1,325)	2,421* (1,416)	3,615*** (1,252)
Nonrespondents	94,710 (2,182)	95,610 (1,880)	96,910 (2,215)	93,880 (2,732)	900 (2,626)	1,297 (2,502)	-3,028 (3,462)
Respondents - Nonrespondents	1,645 (2,528)	-932 (1,943)	193 (2,318)	6,836*** (2,861)	-2,577 (3,019)	1,125 (2,862)	6,643* (3,710)
10th Percentile							
Respondents	11,840 (235)	11,810 (274)	11,480 (244)	13,250 (242)	-28 (328)	-330 (329)	1,776*** (316)
Nonrespondents	12,710 (571)	12,920 (464)	13,150 (556)	12,880 (464)	210 (687)	240 (678)	-277 (720)
Respondents - Nonrespondents	-870 (568)	-1,107** (527)	-1,677*** (581)	376 (504)	-238 (741)	-569 (776)	2,053*** (781)
25th Percentile							
Respondents	32,160 (356)	32,280 (365)	32,530 (355)	34,840 (310)	127 (424)	245 (411)	2,307*** (399)
Nonrespondents	32,180 (667)	32,860 (711)	34,190 (739)	31,500 (518)	679 (967)	1,322 (959)	-2,689*** (862)
Respondents - Nonrespondents	-27 (672)	-580 (761)	-1,657** (796)	3,339*** (547)	-553 (1,014)	-1,077 (1,047)	4,996*** (987)
Median							
Respondents	67,300 (497)	67,320 (540)	68,200 (493)	71,730 (574)	18 (572)	881 (557)	3,523*** (603)
Nonrespondents	64,710 (947)	66,200 (888)	68,710 (885)	64,140 (787)	1,486 (1,196)	2,514*** (1,140)	-4,571*** (1,092)
Respondents - Nonrespondents	2,593** (1,013)	1,125 (927)	-508 (917)	7,586*** (793)	-1,468 (1,300)	-1,632 (1,253)	8,094*** (1,281)
75th Percentile							
Respondents	120,100 (903)	119,600 (977)	121,800 (835)	126,200 (1,029)	-481 (1,007)	2,184** (982)	4,447*** (998)
Nonrespondents	114,000 (1,697)	118,700 (1,711)	118,700 (1,743)	114,200 (1,568)	4,743** (2,116)	-18 (2,154)	4,439*** (2,093)
Respondents - Nonrespondents	6,129*** (1,821)	905 (1,764)	3,107* (1,820)	11,990*** (1,560)	-5,224** (2,308)	2,202 (2,293)	8,886*** (2,350)
90th Percentile							
Respondents	190,700 (1,848)	189,200 (1,698)	192,000 (1,794)	200,200 (1,877)	-1,439 (1,757)	2,772 (2,043)	8,178*** (1,972)
Nonrespondents	186,300 (4,885)	192,100 (3,353)	189,700 (3,467)	182,800 (2,561)	5,822 (5,348)	-2,431 (4,141)	-6,954* (3,827)
Respondents - Nonrespondents	4,329 (4,945)	-2,932 (3,394)	2,271 (3,521)	17,400*** (2,785)	-7,261 (5,433)	5,203 (4,649)	15,130*** (4,396)
1040							
Mean							
Respondents	116,800 (3,022)	113,100 (2,315)	115,200 (1,514)	125,100 (3,173)	-3,733 (3,555)	2,102 (2,583)	9,947*** (3,381)
Nonrespondents	131,200 (9,067)	116,700 (4,281)	115,900 (9,274)	118,000 (9,132)	-14,460 (9,697)	-825 (9,632)	2,125 (11,600)
Respondents - Nonrespondents	-14,400 (9,193)	-3,667 (4,638)	-740 (9,297)	7,083 (9,688)	10,730 (10,630)	2,927 (10,510)	7,822 (12,450)
10th Percentile							
Respondents	16,010 (237)	16,090 (215)	16,560 (212)	16,830 (243)	77 (283)	469* (269)	276 (288)
Nonrespondents	15,880 (509)	15,720 (505)	17,250 (460)	15,290 (316)	-163 (672)	1,530** (678)	-1,962*** (539)
Respondents - Nonrespondents	129 (525)	369 (538)	-493 (465)	1,545*** (383)	240 (715)	-1,061 (725)	2,238*** (600)
25th Percentile							
Respondents	36,830 (359)	36,730 (416)	37,510 (345)	39,240 (357)	-102 (429)	786* (428)	1,727*** (424)
Nonrespondents	35,250 (833)	36,360 (656)	37,100 (669)	33,280 (588)	1,104 (977)	746 (929)	-3,829*** (865)
Respondents - Nonrespondents	1,576* (814)	370 (735)	410 (681)	5,966*** (645)	-1,206 (1,032)	40 (968)	5,556*** (945)
Median							
Respondents	75,510 (587)	75,100 (628)	76,120 (585)	79,610 (651)	-404 (661)	1,019 (622)	3,487*** (726)
Nonrespondents	71,910 (1,024)	73,220 (877)	72,840 (935)	68,690 (843)	1,306 (1,261)	-372 (1,176)	-4,155*** (1,171)
Respondents - Nonrespondents	3,598*** (1,084)	1,888* (987)	3,279*** (927)	10,920*** (933)	-1,711 (1,360)	1,392 (1,274)	7,642*** (1,351)
75th Percentile							
Respondents	132,300 (1,011)	129,700 (949)	133,100 (1,024)	137,900 (1,006)	-2,632** (1,072)	3,401*** (1,046)	4,772*** (1,142)
Nonrespondents	127,000 (1,944)	129,500 (1,804)	127,900 (1,556)	122,700 (1,754)	2,447 (2,221)	-1,592 (2,156)	-5,197** (2,052)
Respondents - Nonrespondents	5,328*** (2,018)	249 (1,821)	5,242*** (1,682)	15,210*** (1,807)	-5,079** (2,294)	4,993** (2,298)	9,969*** (2,356)
90th Percentile							
Respondents	218,600 (2,073)	215,000 (2,112)	218,400 (2,137)	227,300 (2,102)	-3,603* (2,185)	3,439 (2,254)	8,844*** (2,501)
Nonrespondents	215,900 (5,107)	217,900 (3,349)	220,400 (4,527)	204,400 (3,004)	1,988 (5,846)	2,474 (5,191)	-16,030*** (4,777)
Respondents - Nonrespondents	2,657 (5,123)	-2,934 (3,501)	-1,969 (4,254)	22,900*** (3,262)	-5,591 (6,047)	965 (5,284)	24,870*** (5,114)

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows income estimates and the difference in income by address between respondents and nonrespondents in the full CPS ASEC sample. The top half shows total W-2 earnings at that address in the reference year of the survey. The bottom half shows total 1040 AGI in the prior year for linked individuals at the survey address. A value of greater than zero indicates higher income for respondents than nonrespondents for that statistic and year. Standard errors are shown in parenthesis. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively, but asterisks are only shown for differences as all estimates for respondents and nonrespondents are significant at the 1-percent level.

Table 5: Probability of Response by Total W-2 Earnings at Address

A. No Controls									
	Regression					Comparison			
	2017 (1)	2018 (2)	2019 (3)	Pooled (2017-2019) (4)	2020 (5)	2018 - 2017 (6)	2019 - 2018 (7)	2020 - 2019 (8)	2020 - Pooled (9)
Has W-2	-0.02041*** (0.004426)	-0.01102** (0.004379)	-0.01558*** (0.004382)	-0.01510*** (0.002722)	-0.008350 (0.005627)	0.009390 (0.005829)	-0.004564 (0.006215)	0.007234 (0.007065)	0.006753 (0.006194)
0-25,000	0.01120** (0.005547)	0.006967 (0.005630)	0.02195*** (0.006053)	0.01342*** (0.003394)	0.007422 (0.006408)	-0.004238 (0.007721)	0.01499* (0.008151)	-0.01453* (0.008650)	-0.006003 (0.007250)
50,000-75,000	0.0009069 (0.005627)	0.00003118 (0.005166)	0.006789 (0.005358)	0.002484 (0.002987)	0.01885*** (0.007015)	-0.0008757 (0.007553)	0.006758 (0.007876)	0.01207 (0.008962)	0.01637** (0.007476)
75,000-100,000	0.009000 (0.005899)	0.003237 (0.005557)	0.003223 (0.006942)	0.005085 (0.003607)	0.02771*** (0.006897)	-0.005763 (0.008390)	-0.00001407 (0.009157)	0.02448** (0.009901)	0.02262*** (0.007651)
100,000-150,000	0.01469*** (0.005255)	0.007415 (0.005291)	0.01050* (0.005703)	0.01057*** (0.003530)	0.03455*** (0.007066)	-0.007277 (0.007270)	0.003085 (0.007037)	0.02405*** (0.008945)	0.02398*** (0.007856)
150,000-200,000	0.02980*** (0.007087)	0.007100 (0.007363)	0.01817*** (0.006910)	0.01781*** (0.004047)	0.04749*** (0.008334)	-0.02270** (0.009947)	0.01107 (0.01028)	0.02932*** (0.01079)	0.02968*** (0.009382)
≥ 200,000	0.01432** (0.007118)	0.0005016 (0.007063)	0.01536** (0.007527)	0.01004** (0.004545)	0.06031*** (0.007713)	-0.01382 (0.008620)	0.01486 (0.009850)	0.04495*** (0.01088)	0.05026*** (0.008915)
Constant	0.8761*** (0.002505)	0.8647*** (0.002272)	0.8439*** (0.002386)	0.8608*** (0.001492)	0.7577*** (0.003348)	-0.01142*** (0.003120)	-0.02076*** (0.003107)	-0.08620*** (0.003672)	-0.1031*** (0.003552)
R-Squared	0.00	0.00	0.00	0.00	0.00				
Observations	81,000	79,500	82,000	242,000	79,500				

B. With Full Controls									
	Regression					Comparison			
	2017 (1)	2018 (2)	2019 (3)	Pooled (2017-2019) (4)	2020 (5)	2018 - 2017 (6)	2019 - 2018 (7)	2020 - 2019 (8)	2020 - Pooled (9)
0-25,000	0.01018* (0.005578)	0.005000 (0.005474)	0.01832*** (0.006123)	0.01141*** (0.003368)	0.002713 (0.006411)	-0.005177 (0.007429)	0.01332 (0.008298)	-0.01561* (0.008719)	-0.008692 (0.007324)
50,000-75,000	0.001130 (0.005528)	-0.0009626 (0.005290)	0.004465 (0.005312)	0.001336 (0.002945)	0.01677** (0.006875)	-0.002093 (0.007566)	0.005427 (0.007948)	0.01231 (0.008925)	0.01544** (0.007378)
75,000-100,000	0.008198 (0.005900)	0.001123 (0.005864)	-0.0009271 (0.007169)	0.002470 (0.003663)	0.02398*** (0.007081)	-0.007075 (0.008594)	-0.002051 (0.009486)	0.02491** (0.01040)	0.02151*** (0.007874)
100,000-150,000	0.01294** (0.005431)	0.004141 (0.005503)	0.003807 (0.006023)	0.006430* (0.003519)	0.02985*** (0.006625)	-0.008795 (0.007720)	-0.0003348 (0.007719)	0.02604*** (0.009085)	0.02342*** (0.007455)
150,000-200,000	0.02756*** (0.007336)	0.002676 (0.007430)	0.01100 (0.007429)	0.01290*** (0.004103)	0.04216*** (0.008249)	-0.02488** (0.01032)	0.008320 (0.01064)	0.03116*** (0.01123)	0.02926*** (0.009334)
≥ 200,000	0.01027 (0.007289)	-0.003848 (0.007636)	0.006404 (0.008027)	0.003764 (0.004649)	0.05138*** (0.008167)	-0.01412 (0.009073)	0.01025 (0.01101)	0.04497*** (0.01159)	0.04761*** (0.009181)
R-Squared	0.01	0.01	0.01	0.01	0.02				
Observations	81,000	79,500	82,000	242,000	79,500				

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows the coefficient estimates from a regression of housing unit response on W-2 earnings at that address for the full CPS ASEC sample. Positive values indicate individuals in that income range are more likely to respond than the baseline group (25,000–50,000). Panel A shows the results without controls for linkage rates and available demographic and socioeconomic information (such as race, Hispanic origin, citizenship, etc.). Panel B shows the results with those controls included. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively.

Table 6: Two-Stage Entropy Balance Reweighting Procedure

Stage/Step	Moment Variables	Moment Sample	Reweighted Sample
1. Housing-unit level	Linked survey, administrative, and census variables	Non-vacant housing units in March Basic CPS (respondents and nonrespondents)	Respondent housing units
2. Person level			
A. Preserve distribution of housing unit characteristics	Linked survey, administrative, and census variables	Householders and householder-partners, using the housing-unit level weights from Stage 1	Householders and householder-partners
B. Spousal equivalence	Linked survey, administrative, and census variables	Married couples and cohabiting partners	Married couples and cohabiting partners
C. External population targets	State-level population estimates by race, Hispanic-origin, gender, and age	External population estimates	All individuals
D. Full CPS ASEC only: Match distribution of household characteristics in March Basic Sample	Subset of linked survey, administrative, and census variables and state-level population controls	Householders and householder partners in the March Basic File	Householders and householder partners in the full CPS ASEC sample

Notes: This table describes the two-stage entropy balance reweighting procedure. In the first stage, respondent housing units are reweighted to control for selection into response. This is done by reweighting them to match the characteristics of the target population – all non-vacant housing units in sample. In the second stage, we estimate individual weights that preserve the distribution of housing-unit characteristics from the first stage, while also matching external population totals and approximating the spousal equivalence of weights that are a part of the existing CPS ASEC weights.

Table 7: Before Entropy Balance Weighting — Linked Data Summary Statistics using the Base Weights

Characteristic	March Base Weights				Full CPS ASEC Respondents (No Oversample Adjustment) - March Base Weights				March Basic CPS Respondents - March Base Weights			
	2017 (1)	2018 (2)	2019 (3)	2020 (4)	2017 (5)	2018 (6)	2019 (7)	2020 (8)	2017 (9)	2018 (10)	2019 (11)	2020 (12)
Percentage of Housing Units												
Age (At Least One Individual in Range)												
18-24	14.97 (0.18)	14.67 (0.16)	14.31 (0.16)	14.48 (0.16)	1.298*** (0.122)	1.51*** (0.125)	1.239*** (0.114)	0.962*** (0.138)	-0.014 (0.060)	-0.005 (0.067)	-0.092 (0.070)	-0.446*** (0.100)
25-34	22.24 (0.21)	22.23 (0.20)	21.55 (0.21)	22.26 (0.22)	1.326*** (0.138)	1.133*** (0.133)	0.981*** (0.135)	0.696*** (0.153)	-0.23*** (0.078)	-0.195*** (0.075)	-0.316*** (0.091)	-0.546*** (0.109)
35-44	20.72 (0.20)	20.64 (0.19)	20.30 (0.19)	20.85 (0.18)	2.845*** (0.147)	2.828*** (0.136)	2.566*** (0.144)	2.53*** (0.139)	-0.207*** (0.078)	-0.176* (0.079)	-0.209* (0.084)	-0.254* (0.106)
45-54	21.93 (0.22)	21.29 (0.21)	20.33 (0.18)	20.00 (0.21)	1.263*** (0.139)	1.537*** (0.136)	1.326*** (0.134)	1.812*** (0.153)	-0.232*** (0.085)	-0.204* (0.091)	-0.208* (0.091)	-0.009 (0.117)
55-64	22.36 (0.20)	21.73 (0.19)	21.65 (0.20)	21.96 (0.20)	-1.221*** (0.128)	-0.83*** (0.127)	-0.975*** (0.118)	0.023 (0.129)	0.17* (0.077)	0.292*** (0.085)	0.436*** (0.084)	1.187*** (0.118)
65 Plus	27.08 (0.23)	28.11 (0.24)	27.86 (0.21)	28.17 (0.21)	-2.328*** (0.127)	-1.988*** (0.146)	-1.453*** (0.124)	0.084 (0.157)	1.542*** (0.077)	1.685*** (0.081)	1.936*** (0.090)	3.321*** (0.125)
Native Born	76.02 (0.27)	75.55 (0.25)	74.29 (0.26)	75.32 (0.28)	-1.307*** (0.153)	-0.739*** (0.154)	-0.725*** (0.147)	0.775*** (0.168)	0.531*** (0.078)	0.801*** (0.090)	0.888*** (0.094)	2.422*** (0.123)
Education (Most Educated Linked Individual)												
High School Diploma	19.19 (0.20)	18.89 (0.20)	18.28 (0.19)	18.37 (0.20)	-0.174 (0.114)	0.043 (0.110)	0.205* (0.115)	0.73*** (0.136)	0.571*** (0.071)	0.66*** (0.071)	0.84*** (0.073)	1.386*** (0.109)
Bachelor's Degree	7.60 (0.14)	7.54 (0.13)	7.40 (0.11)	7.49 (0.13)	0.058 (0.078)	0.044 (0.068)	0.251*** (0.075)	0.636*** (0.083)	0.299*** (0.047)	0.29*** (0.045)	0.452*** (0.045)	0.903*** (0.068)
Graduate Degree	3.29 (0.09)	3.12 (0.09)	3.03 (0.09)	3.11 (0.09)	0.048 (0.054)	0.058 (0.048)	0.134*** (0.047)	0.329*** (0.054)	0.187*** (0.031)	0.134*** (0.029)	0.22*** (0.031)	0.406*** (0.042)
Hispanic	9.95 (0.16)	10.04 (0.19)	10.21 (0.18)	10.50 (0.19)	3.996*** (0.143)	4.056*** (0.139)	3.594*** (0.124)	3.346*** (0.134)	0.073 (0.059)	0.039 (0.066)	0.003 (0.061)	-0.365*** (0.094)
Race												
Black	10.53 (0.21)	10.61 (0.19)	10.39 (0.20)	10.63 (0.20)	1.703*** (0.133)	1.795*** (0.141)	1.4*** (0.116)	1.367*** (0.148)	-0.294*** (0.060)	-0.334*** (0.065)	-0.531*** (0.064)	-0.681*** (0.099)
White	62.82 (0.31)	62.64 (0.33)	61.55 (0.33)	61.43 (0.32)	-2.854*** (0.173)	-2.696*** (0.181)	-2.135*** (0.173)	-0.408* (0.202)	1.073*** (0.098)	1.377*** (0.099)	1.792*** (0.102)	3.475*** (0.137)
Income Statistics												
W-2 Earnings Percentile												
10th	11,970 (238)	11,900 (258)	11,790 (251)	13,200 (230)	532*** (157)	600*** (151)	443*** (165)	934*** (174)	-114 (95)	-257* (101)	-290*** (101)	22 (152)
25th	32,280 (369)	32,430 (337)	32,870 (356)	34,070 (312)	662*** (219)	679*** (202)	676*** (232)	1,926*** (260)	-47 (132)	-186 (160)	-148 (152)	778*** (178)
50th	66,770 (451)	67,070 (520)	68,360 (483)	70,060 (561)	1,965*** (324)	1,725*** (308)	1,442*** (338)	3,821*** (395)	426* (202)	93 (195)	111 (220)	1,788*** (280)
75th	119,100 (748)	119,600 (947)	121,500 (814)	123,500 (989)	2,604*** (509)	1,895*** (582)	2,002*** (570)	5,611*** (677)	995*** (332)	-41 (334)	889*** (342)	3,064*** (484)
90th	190,100 (1,646)	189,300 (1,662)	191,700 (1,713)	196,500 (1,778)	1,764* (1033)	1,444 (1045)	1,960* (1163)	7,096*** (1233)	467 (568)	-902 (585)	1,062 (658)	4,140*** (808)
1040 AGI Percentile												
10th	15,940 (237)	16,010 (218)	16,710 (218)	16,430 (218)	612*** (133)	585*** (139)	345*** (131)	1,230*** (178)	-45 (80)	18 (93)	-113 (92)	362* (146)
25th	36,560 (377)	36,860 (389)	37,550 (334)	37,900 (349)	691*** (232)	426* (193)	387* (206)	2,245*** (282)	159 (136)	70 (145)	161 (121)	1,644*** (222)
50th	75,030 (562)	74,810 (570)	75,550 (562)	77,190 (575)	783* (351)	787* (318)	1,495*** (345)	3,874*** (368)	501* (210)	257 (192)	801*** (213)	2,884*** (316)
75th	131,700 (908)	129,500 (916)	132,400 (988)	134,900 (1,033)	697 (577)	1,315* (537)	1,207* (624)	4,136*** (640)	900* (374)	-247 (324)	1,375*** (402)	3,801*** (453)
90th	218,600 (2,286)	215,300 (1,973)	218,800 (2,298)	223,400 (2,025)	-901 (1443)	-1,451 (1128)	-1,188 (1376)	5,807*** (1312)	619 (748)	-1,032 (680)	239 (751)	5,392*** (1015)

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows various demographic and socioeconomic summary statistics at the household level using the base weights with no adjustment for oversampling or selection into response. In Columns (1)-(4), we show estimates using the base weights on the March Basic CPS sample, including responding and nonrespondent housing units. These estimates should best represent the distribution of the linked characteristics in the population and are therefore the target distribution for the first-stage EBW adjustment. In Columns (5)-(8), we show the difference between the estimates for respondents in the full CPS ASEC Sample and using the base weights for all non-vacant units, as in (1)-(4). Significant differences in (5)-(8) reflect both oversampling by observable characteristics and nonrandom nonresponse. In Columns (9)-(12), we show the difference between the estimates for respondents in the March Basic CPS ASEC Sample and using the base weights for all non-vacant units, as in (1)-(4), which should reflect nonrandom nonresponse. Standard errors are shown in parenthesis. Education requires a link to the ACS, and the reported values are unconditional. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively, but asterisks are only shown for differences as all estimates for respondents and nonrespondents are significant at the 1-percent level.

Table 8: After Entropy Balance Weighting — Linked Data Summary Statistics using the Base Weights

Characteristic	Full EBW - March Base Weights				March EBW - March Base Weights			
	2017 (1)	2018 (2)	2019 (3)	2020 (4)	2017 (5)	2018 (6)	2019 (7)	2020 (8)
Percentage of Housing Units								
Age (At Least One Individual in Range)								
18-24	-0.039 (0.072)	0.008*** Z	0.008*** Z	0.013*** Z	-0.041* (0.023)	0.007*** (0.001)	0.006*** Z	0.015*** Z
25-34	0.03 (0.098)	0.004*** Z	0.009*** Z	0.01*** (0.001)	0.037*** (0.012)	0.002 (0.001)	0.006*** Z	0.007*** (0.001)
35-44	0.031 (0.193)	0.009*** Z	0.009*** Z	0.017*** (0.001)	0.033 (0.038)	0.008*** (0.001)	0.009*** Z	0.019*** (0.001)
45-54	0.035 (0.029)	0.008*** (0.001)	0.011*** Z	Z (0.001)	0.034 (0.059)	0.011*** (0.001)	0.009*** Z	-0.002 (0.002)
55-64	0.024 (0.142)	0.011*** Z	-0.007*** (0.001)	0.01*** (0.001)	0.023 (0.050)	0.009* (0.004)	0.001 (0.001)	0.014*** (0.001)
65 Plus	0.024 (0.131)	0.003*** (0.001)	0.008*** (0.001)	0.018*** (0.001)	0.023 (0.048)	Z (0.002)	0.006*** (0.001)	0.024*** (0.001)
Native Born	0.026 (0.106)	0.019*** (0.001)	0.009*** (0.001)	0.025*** (0.001)	0.015 (0.021)	0.012*** (0.002)	0.015*** (0.001)	0.029*** (0.001)
Education (Most Educated Linked Individual)								
High School Diploma	0.065 (0.065)	-0.004 (0.067)	-0.01 (0.070)	0.041 (0.071)	0.045 (0.082)	-0.074 (0.067)	0.008 (0.070)	0.014 (0.071)
Bachelor's Degree	0.013 (0.020)	-0.006*** (0.001)	0.004*** Z	0.007*** Z	0.015 (0.026)	-0.008*** (0.001)	0.003*** Z	0.008*** Z
Graduate Degree	0.028 (0.066)	0.039 (0.062)	0.026 (0.067)	0.01 (0.063)	0.01 (0.066)	0.012 (0.063)	0.023 (0.067)	-0.008 (0.063)
Hispanic	0.015 (0.278)	0.005*** Z	0.003*** Z	0.01*** Z	0.019 (0.059)	0.004*** (0.001)	Z (0.001)	0.011*** Z
Race								
Black	-0.008 (0.142)	0.005*** Z	0.003*** Z	0.005*** Z	-0.018 (0.045)	0.004*** (0.001)	0.005*** Z	0.008*** (0.001)
White	0.033 (0.317)	0.015*** Z	0.005*** (0.001)	0.03*** (0.001)	0.033 (0.059)	0.007*** (0.001)	0.009*** (0.001)	0.032*** (0.001)
Income Statistics								
W-2 Earnings Percentile								
10th	107 (136)	66 (119)	-6 (114)	-2 (112)	188 (151)	-12 (123)	-14 (113)	26 (113)
25th	136 (155)	-21 (127)	12 (133)	64 (133)	193 (150)	25 (129)	91 (132)	130 (131)
50th	221 (153)	163 (157)	-103 (132)	-14 (147)	123 (148)	120 (152)	-23 (133)	175 (149)
75th	302 (303)	-103 (295)	-285 (300)	233 (294)	268 (276)	39 (290)	15 (300)	264 (300)
90th	135 (492)	205 (437)	-56 (444)	-43 (281)	39 (397)	-3 (439)	131 (437)	234 (290)
1040 AGI Percentile								
10th	163 (117)	88 (105)	104 (109)	25 (124)	123 (122)	107 (106)	95 (111)	-39 (124)
25th	200 (141)	-180 (145)	36 (147)	11 (147)	123 (137)	-19 (146)	187 (148)	135 (147)
50th	87 (114)	-3 (21)	19 (25)	130* (78)	92* (52)	1 (17)	2 (24)	83 (75)
75th	228 (544)	115 (322)	-134 (324)	29 (308)	359 (310)	-104 (324)	201 (319)	121 (307)
90th	48 (845)	49 (559)	-595 (752)	-604 (692)	175 (793)	-22 (580)	-631 (757)	-269 (679)

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows comparisons of summary statistics at the household level using the EBW to the base-weighted March Basic sample (including respondent and nonrespondent households). In Columns (1)-(4), we compare the EBW estimates for respondents in the March Basic sample. Columns (5)-(8) compare the EBW estimates for respondents in the March Basic CPS ASEC sample. Standard errors are shown in parenthesis. Education requires a link to the ACS, and the reported values are unconditional. Z indicates an estimate rounds to 0. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively.

Table 9: Percentage of People by Characteristic using Survey and Alternative Weights

Characteristic	Survey Weights				Full EBW - Survey				March EBW - Survey			
	2017 (1)	2018 (2)	2019 (3)	2020 (4)	2017 (5)	2018 (6)	2019 (7)	2020 (8)	2017 (9)	2018 (10)	2019 (11)	2020 (12)
Race												
Asian	6.5 (0.04)	6.7 (0.05)	6.8 (0.05)	6.9 (0.05)	0.14** (0.07)	0.14** (0.07)	0.13** (0.06)	0.18*** (0.06)	-0.01 (0.07)	0.04 (0.07)	-0.13** (0.06)	0.04 (0.06)
American Indian or Alaskan Native	2.1 (0.05)	2.1 (0.06)	2.1 (0.06)	2.0 (0.05)	-0.15* (0.09)	-0.15*** (0.06)	-0.13** (0.05)	-0.18*** (0.05)	-0.41*** (0.06)	-0.32*** (0.06)	-0.23*** (0.05)	-0.29*** (0.05)
Black	14.3 (0.04)	14.4 (0.05)	14.5 (0.05)	14.6 (0.05)	Z (0.16)	Z (0.16)	Z (0.16)	Z (0.16)	Z (0.12)	Z (0.12)	Z (0.12)	Z (0.12)
Hawaiian or Pacific Islander	0.5 (0.03)	0.5 (0.04)	0.6 (0.04)	0.5 (0.04)	-0.05 (0.05)	-0.07** (0.03)	-0.06* (0.04)	-0.07** (0.03)	-0.06* (0.03)	-0.06* (0.03)	-0.06 (0.04)	-0.10*** (0.03)
White	79.2 (0.06)	79.1 (0.07)	79.0 (0.06)	78.9 (0.06)	Z (0.05)	Z (0.05)	Z (0.05)	Z (0.05)	Z (0.12)	Z (0.12)	Z (0.12)	Z (0.12)
Hispanic	18.0 (0.06)	18.3 (0.07)	18.5 (0.06)	18.7 (0.06)	Z (0.05)	Z (0.05)	Z (0.05)	Z (0.05)	Z (0.12)	Z (0.12)	Z (0.12)	Z (0.12)
Citizenship												
Native	86.3 (0.12)	85.9 (0.13)	85.9 (0.13)	86.2 (0.13)	0.21* (0.11)	0.21* (0.12)	0.19 (0.12)	0.04 (0.12)	0.27 (0.18)	0.29** (0.12)	0.29** (0.12)	0.14 (0.12)
Foreign-Born Citizen	6.4 (0.08)	6.8 (0.09)	6.9 (0.09)	7.0 (0.09)	-0.15** (0.07)	-0.18** (0.08)	-0.18** (0.08)	-0.15 (0.09)	-0.21** (0.09)	-0.32*** (0.08)	-0.26*** (0.08)	-0.26*** (0.09)
Non-citizen	7.3 (0.09)	7.3 (0.10)	7.3 (0.11)	6.8 (0.10)	-0.06 (0.09)	-0.03 (0.09)	-0.01 (0.10)	0.11 (0.09)	-0.06 (0.11)	0.03 (0.09)	-0.03 (0.10)	0.12 (0.09)
Education												
< High School	10.4 (0.12)	10.2 (0.12)	9.9 (0.12)	9.1 (0.13)	0.07 (0.12)	0.16 (0.11)	0.11 (0.12)	0.37*** (0.12)	0.04 (0.12)	0.09 (0.11)	0.09 (0.12)	0.25** (0.12)
High School	28.8 (0.21)	28.5 (0.20)	28.1 (0.21)	27.6 (0.20)	0.11 (0.20)	0.07 (0.19)	0.17 (0.20)	0.38* (0.21)	0.40* (0.20)	0.43** (0.19)	0.34* (0.20)	0.53** (0.21)
Some College	26.6 (0.17)	26.3 (0.16)	25.9 (0.19)	25.8 (0.17)	0.27 (0.17)	0.18 (0.16)	0.23 (0.18)	0.29* (0.16)	0.04 (0.17)	-0.06 (0.16)	0.13 (0.18)	0.37** (0.16)
Bachelor's	21.3 (0.16)	21.9 (0.18)	22.6 (0.18)	23.4 (0.18)	-0.24 (0.15)	-0.19 (0.17)	-0.26 (0.17)	-0.57*** (0.18)	-0.21 (0.15)	-0.21 (0.17)	-0.24 (0.17)	-0.63*** (0.18)
Advanced Degree	12.8 (0.15)	13.1 (0.15)	13.5 (0.14)	14.1 (0.14)	-0.21 (0.14)	-0.21 (0.13)	-0.25** (0.13)	-0.46*** (0.13)	-0.27* (0.14)	-0.24* (0.13)	-0.32** (0.13)	-0.53*** (0.13)

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows various demographic and socioeconomic summary statistics at the person level using the survey weights and EBW. In Columns (1)-(4), we show estimates using the official survey weights. In Columns (5)-(8), we show the difference between the Full EBW estimates and the survey. In Columns (9)-(12), we show the difference between the March EBW estimates and the survey. Standard errors are shown in parenthesis. Z indicates an estimate rounds to 0. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively, but asterisks are only shown for differences as all estimates for respondents and nonrespondents are significant at the 1-percent level.

Table 10: Household Income Estimates using Survey and Alternative Weights (in 2019 dollars)

Percentile	Survey Weights				Full CPS ASEC Sample (EBW)				Basic March CPS (March EBW)			
	2017 (1)	2018 (2)	2019 (3)	2020 (4)	2017 (5)	2018 (6)	2019 (7)	2020 (8)	2017 (9)	2018 (10)	2019 (11)	2020 (12)
5	8,808 (124)	8,875 (144)	8,816 (154)	9,907 (187)	8,896 (42)	9,059 (44)	8,938 (42)	9,684 (49)	8,850 (88)	9,158 (47)	8,857 (44)	9,693 (51)
10	14,610 (158)	14,920 (171)	15,000 (189)	16,100 (163)	14,680 (77)	15,000 (76)	15,130 (74)	15,800 (61)	14,730 (124)	15,050 (79)	15,130 (78)	15,780 (62)
15	20,120 (192)	20,490 (200)	20,680 (174)	22,260 (211)	20,210 (114)	20,480 (110)	20,800 (86)	21,760 (87)	20,330 (144)	20,520 (111)	20,890 (88)	21,770 (88)
20	25,720 (224)	25,980 (228)	26,370 (194)	28,320 (291)	25,830 (143)	25,890 (134)	26,460 (101)	27,450 (107)	25,910 (157)	25,970 (136)	26,570 (100)	27,670 (139)
25	31,250 (273)	31,670 (192)	32,070 (187)	34,510 (300)	31,340 (176)	31,610 (116)	32,090 (105)	33,450 (161)	31,440 (192)	31,740 (118)	32,190 (105)	33,470 (158)
30	37,040 (335)	37,140 (224)	37,830 (222)	40,950 (217)	37,080 (212)	37,040 (144)	37,790 (129)	40,120 (127)	37,160 (214)	37,220 (149)	37,910 (130)	40,220 (124)
35	43,140 (256)	42,950 (253)	44,010 (364)	47,040 (268)	43,150 (163)	42,850 (165)	43,940 (216)	45,960 (161)	43,210 (162)	43,040 (166)	44,040 (220)	46,080 (168)
40	49,250 (276)	49,370 (299)	51,000 (272)	53,560 (413)	49,270 (182)	49,210 (187)	50,960 (170)	52,070 (168)	49,290 (187)	49,450 (210)	51,070 (145)	52,190 (167)
45	55,390 (275)	56,020 (448)	57,260 (306)	60,840 (302)	55,390 (179)	55,760 (307)	57,170 (201)	59,470 (285)	55,390 (172)	56,020 (312)	57,360 (202)	59,660 (278)
50	63,080 (484)	63,760 (335)	64,320 (428)	68,700 (550)	63,140 (333)	63,540 (227)	64,200 (282)	66,790 (265)	63,190 (331)	63,750 (230)	64,450 (280)	66,850 (268)
55	70,670 (378)	72,110 (580)	72,470 (334)	77,120 (440)	70,740 (256)	71,730 (406)	72,410 (235)	75,460 (270)	70,690 (249)	71,880 (411)	72,580 (230)	75,580 (274)
60	79,640 (514)	80,620 (429)	81,100 (487)	86,810 (498)	79,620 (358)	80,330 (283)	81,000 (338)	84,720 (424)	79,460 (348)	80,390 (286)	81,170 (331)	84,920 (414)
65	88,710 (614)	90,330 (512)	91,210 (584)	97,780 (653)	88,610 (417)	89,920 (363)	91,000 (432)	95,340 (382)	88,620 (396)	89,860 (358)	90,850 (419)	95,390 (406)
70	100,400 (606)	102,200 (660)	102,600 (376)	109,800 (730)	100,300 (435)	101,700 (470)	102,300 (280)	106,800 (388)	100,200 (433)	101,500 (437)	102,200 (272)	107,100 (392)
75	113,200 (563)	115,800 (576)	115,200 (730)	123,800 (814)	113,000 (393)	115,300 (410)	114,500 (418)	121,200 (357)	113,300 (401)	114,900 (430)	114,500 (438)	121,200 (342)
80	129,600 (541)	132,300 (747)	132,400 (749)	142,500 (1,024)	129,500 (372)	131,900 (512)	131,600 (590)	139,000 (668)	129,700 (370)	131,400 (517)	132,100 (562)	138,700 (646)
85	152,100 (984)	156,500 (924)	154,400 (597)	166,600 (1,056)	151,700 (544)	155,900 (826)	153,900 (398)	162,100 (563)	151,600 (486)	155,100 (904)	153,800 (411)	162,200 (598)
90	185,000 (1,253)	189,800 (1,287)	187,800 (1,406)	201,500 (938)	184,400 (873)	189,100 (805)	186,400 (845)	196,500 (862)	183,800 (739)	188,200 (769)	186,300 (818)	197,200 (895)
95	248,500 (2,376)	254,400 (2,347)	253,500 (2,222)	270,000 (2,729)	248,200 (1,426)	253,500 (1,527)	251,900 (1,101)	263,100 (1,354)	247,400 (1,174)	252,700 (1,178)	251,700 (906)	264,100 (1,468)

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows the estimates of income using various weights. In Columns (1)-(4), we show estimates of income at each percentile, consistent with the estimates in each year's Income and Poverty Report, except in 2017 and 2018 estimates, which use the 2017 Research File and 2018 Bridge File, respectively (Semega et al., 2019). In Columns (5)-(8), we show the estimates using the EBW with the full CPS sample. In Columns (9)-(12), we show the estimates using the March Basic sample (avoiding the challenge of adjusting the base weights for oversampling of Hispanics and households with children). Standard errors are shown in parenthesis.

Table 11: Percent Difference of Household Income using Survey and Alternative Weights

Percentile	Full CPS ASEC Sample (EBW)				Basic March CPS (March EBW)			
	- Survey				- Survey			
	2017 (1)	2018 (2)	2019 (3)	2020 (4)	2017 (5)	2018 (6)	2019 (7)	2020 (8)
5	1.01 (1.42)	2.08 (1.63)	1.39 (1.72)	-2.25 (1.79)	0.49 (1.71)	3.19* (1.67)	0.47 (1.71)	-2.16 (1.79)
10	0.46 (1.02)	0.51 (1.06)	0.89 (1.20)	-1.86** (0.94)	0.82 (1.20)	0.83 (1.06)	0.90 (1.20)	-2.00** (0.94)
15	0.44 (0.92)	-0.01 (0.92)	0.57 (0.79)	-2.26*** (0.87)	1.05 (1.03)	0.17 (0.92)	1.03 (0.80)	-2.21** (0.88)
20	0.39 (0.87)	-0.33 (0.83)	0.36 (0.69)	-3.08*** (0.92)	0.74 (0.91)	-0.03 (0.83)	0.75 (0.70)	-2.30** (0.93)
25	0.32 (0.88)	-0.21 (0.57)	0.09 (0.56)	-3.06*** (0.77)	0.61 (0.90)	0.21 (0.58)	0.39 (0.56)	-3.00*** (0.77)
30	0.10 (0.88)	-0.26 (0.56)	-0.10 (0.55)	-2.03*** (0.48)	0.33 (0.88)	0.22 (0.56)	0.22 (0.56)	-1.78*** (0.48)
35	0.03 (0.56)	-0.25 (0.53)	-0.16 (0.77)	-2.29*** (0.50)	0.16 (0.56)	0.20 (0.54)	0.08 (0.77)	-2.04*** (0.51)
40	0.03 (0.53)	-0.32 (0.53)	-0.09 (0.48)	-2.78*** (0.66)	0.08 (0.53)	0.17 (0.54)	0.14 (0.48)	-2.55*** (0.66)
45	0.01 (0.46)	-0.46 (0.73)	-0.16 (0.48)	-2.25*** (0.47)	0.00 (0.45)	0.00 (0.73)	0.16 (0.48)	-1.95*** (0.47)
50	0.09 (0.72)	-0.35 (0.46)	-0.19 (0.58)	-2.78*** (0.67)	0.17 (0.69)	-0.02 (0.46)	0.19 (0.58)	-2.70*** (0.67)
55	0.10 (0.51)	-0.53 (0.69)	-0.09 (0.42)	-2.15*** (0.48)	0.03 (0.49)	-0.32 (0.69)	0.14 (0.42)	-1.99*** (0.48)
60	-0.02 (0.60)	-0.35 (0.44)	-0.12 (0.53)	-2.41*** (0.52)	-0.23 (0.57)	-0.29 (0.44)	0.08 (0.52)	-2.17*** (0.51)
65	-0.11 (0.67)	-0.45 (0.48)	-0.23 (0.57)	-2.49*** (0.55)	-0.09 (0.65)	-0.52 (0.47)	-0.39 (0.56)	-2.45*** (0.56)
70	-0.11 (0.62)	-0.51 (0.53)	-0.24 (0.32)	-2.69*** (0.55)	-0.20 (0.61)	-0.75 (0.52)	-0.35 (0.32)	-2.47*** (0.55)
75	-0.15 (0.50)	-0.37 (0.42)	-0.58 (0.54)	-2.12*** (0.56)	0.09 (0.49)	-0.72* (0.42)	-0.56 (0.54)	-2.08*** (0.56)
80	-0.07 (0.40)	-0.31 (0.49)	-0.56 (0.51)	-2.49*** (0.62)	0.09 (0.40)	-0.66 (0.49)	-0.24 (0.51)	-2.67*** (0.61)
85	-0.30 (0.61)	-0.38 (0.56)	-0.33 (0.34)	-2.69*** (0.53)	-0.34 (0.60)	-0.88 (0.59)	-0.40 (0.34)	-2.62*** (0.54)
90	-0.32 (0.62)	-0.35 (0.61)	-0.73 (0.67)	-2.47*** (0.46)	-0.64 (0.61)	-0.81 (0.60)	-0.79 (0.66)	-2.13*** (0.47)
95	-0.12 (0.85)	-0.32 (0.79)	-0.66 (0.80)	-2.58*** (0.92)	-0.46 (0.85)	-0.67 (0.78)	-0.74 (0.79)	-2.20** (0.93)

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows the annual percent difference in median household income estimates using inverse probability weights compared to the survey weights. In Columns (1)-(4), we show estimates using the EBW with the full CPS ASEC sample in each year. In Columns (5)-(8), we show the estimates using the EBW with only the March Basic CPS sample (avoiding the challenge of adjusting the base weights for oversampling of Hispanics and households with children). Standard errors are shown in parenthesis. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively.

Table 12: Percent Year-to-Year Income Growth using Survey and Alternative Weights (in 2019 dollars)

Percentile	Survey Weights			Full CPS ASEC Sample (EBW)			Basic March CPS (March EBW)		
	2018 (1)	2019 (2)	2020 (3)	2018 (4)	2019 (5)	2020 (6)	2018 (7)	2019 (8)	2020 (9)
5	0.76 (1.93)	-0.67 (2.14)	12.37*** (2.75)	1.83*** (0.49)	-1.34*** (0.46)	8.34*** (0.51)	3.47*** (1.09)	-3.28*** (0.47)	9.43*** (0.58)
10	2.13 (1.41)	0.50 (1.56)	7.32*** (1.56)	2.18*** (0.53)	0.89* (0.46)	4.39*** (0.45)	2.14*** (0.92)	0.56* (0.47)	4.24*** (0.49)
15	1.82 (1.26)	0.94 (1.12)	7.66*** (1.18)	1.36** (0.56)	1.53*** (0.45)	4.63*** (0.41)	0.93** (0.76)	1.81*** (0.45)	4.20*** (0.42)
20	0.98 (1.22)	1.51 (0.99)	7.39*** (1.13)	0.26 (0.54)	2.21*** (0.43)	3.72*** (0.38)	0.22 (0.65)	2.30*** (0.43)	4.15*** (0.47)
25	1.36 (1.00)	1.24* (0.74)	7.62*** (1.00)	0.83* (0.49)	1.55*** (0.32)	4.24*** (0.42)	0.96* (0.58)	1.42*** (0.31)	3.98*** (0.42)
30	0.27 (1.00)	1.85** (0.73)	8.24*** (0.76)	-0.09 (0.50)	2.01*** (0.33)	6.16*** (0.33)	0.16 (0.55)	1.85*** (0.33)	6.08*** (0.34)
35	-0.43 (0.76)	2.45*** (0.86)	6.90*** (0.96)	-0.71* (0.37)	2.55*** (0.41)	4.61*** (0.43)	-0.39* (0.39)	2.33*** (0.41)	4.64*** (0.45)
40	0.23 (0.72)	3.32*** (0.65)	5.00*** (0.83)	-0.12 (0.36)	3.55*** (0.34)	2.17*** (0.32)	0.32 (0.41)	3.28*** (0.35)	2.19*** (0.30)
45	1.15 (0.81)	2.21*** (0.80)	6.25*** (0.66)	0.67 (0.47)	2.53*** (0.45)	4.03*** (0.42)	1.14 (0.49)	2.38*** (0.45)	4.01*** (0.42)
50	1.07 (0.81)	0.88 (0.65)	6.81*** (0.94)	0.62 (0.45)	1.05*** (0.36)	4.03*** (0.41)	0.88 (0.47)	1.10*** (0.35)	3.73*** (0.41)
55	2.04** (0.86)	0.51 (0.73)	6.41*** (0.67)	1.40*** (0.49)	0.95** (0.44)	4.20*** (0.33)	1.68*** (0.51)	0.98** (0.45)	4.14*** (0.34)
60	1.23* (0.73)	0.60 (0.61)	7.04*** (0.78)	0.90** (0.40)	0.83** (0.34)	4.59*** (0.45)	1.17** (0.41)	0.97** (0.33)	4.63*** (0.44)
65	1.83** (0.77)	0.98 (0.65)	7.20*** (0.86)	1.47*** (0.43)	1.21*** (0.39)	4.76*** (0.43)	1.40*** (0.43)	1.10*** (0.38)	4.99*** (0.44)
70	1.78** (0.74)	0.35 (0.58)	7.03*** (0.73)	1.36*** (0.44)	0.62* (0.37)	4.40*** (0.32)	1.22*** (0.43)	0.75* (0.34)	4.76*** (0.32)
75	2.29*** (0.58)	-0.51 (0.62)	7.50*** (0.91)	2.05*** (0.34)	-0.72** (0.32)	5.84*** (0.35)	1.47*** (0.36)	-0.35** (0.35)	5.86*** (0.35)
80	2.11*** (0.59)	0.06 (0.66)	7.66*** (0.91)	1.87*** (0.34)	-0.19 (0.39)	5.57*** (0.46)	1.35*** (0.35)	0.48 (0.38)	5.04*** (0.44)
85	2.87*** (0.74)	-1.36** (0.60)	7.92*** (0.72)	2.79*** (0.46)	-1.31*** (0.43)	5.37*** (0.31)	2.32*** (0.51)	-0.88*** (0.48)	5.51*** (0.34)
90	2.60*** (0.82)	-1.04 (0.82)	7.32*** (0.86)	2.57*** (0.43)	-1.41*** (0.40)	5.43*** (0.46)	2.42*** (0.40)	-1.01*** (0.39)	5.87*** (0.46)
95	2.35** (1.16)	-0.32 (1.10)	6.52*** (1.34)	2.14*** (0.55)	-0.67 (0.53)	4.46*** (0.52)	2.13*** (0.47)	-0.40 (0.42)	4.95*** (0.54)

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows the estimates of the percent change in household income using various weights. In Columns (1)-(3), we show the year-to-year percent change in income at each percentile, consistent with the estimates in each year's Income and Poverty Report, except for the 2017 estimates, which use the 2017 Research File (Semega et al., 2020). In Columns (4)-(6), we show the change in income estimated using the EBW with the March Basic CPS sample (avoiding the challenge of adjusting the base weights for oversampling of Hispanics and households with children). Columns (7)-(9) show the difference in differences. Standard errors are shown in parenthesis. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively.

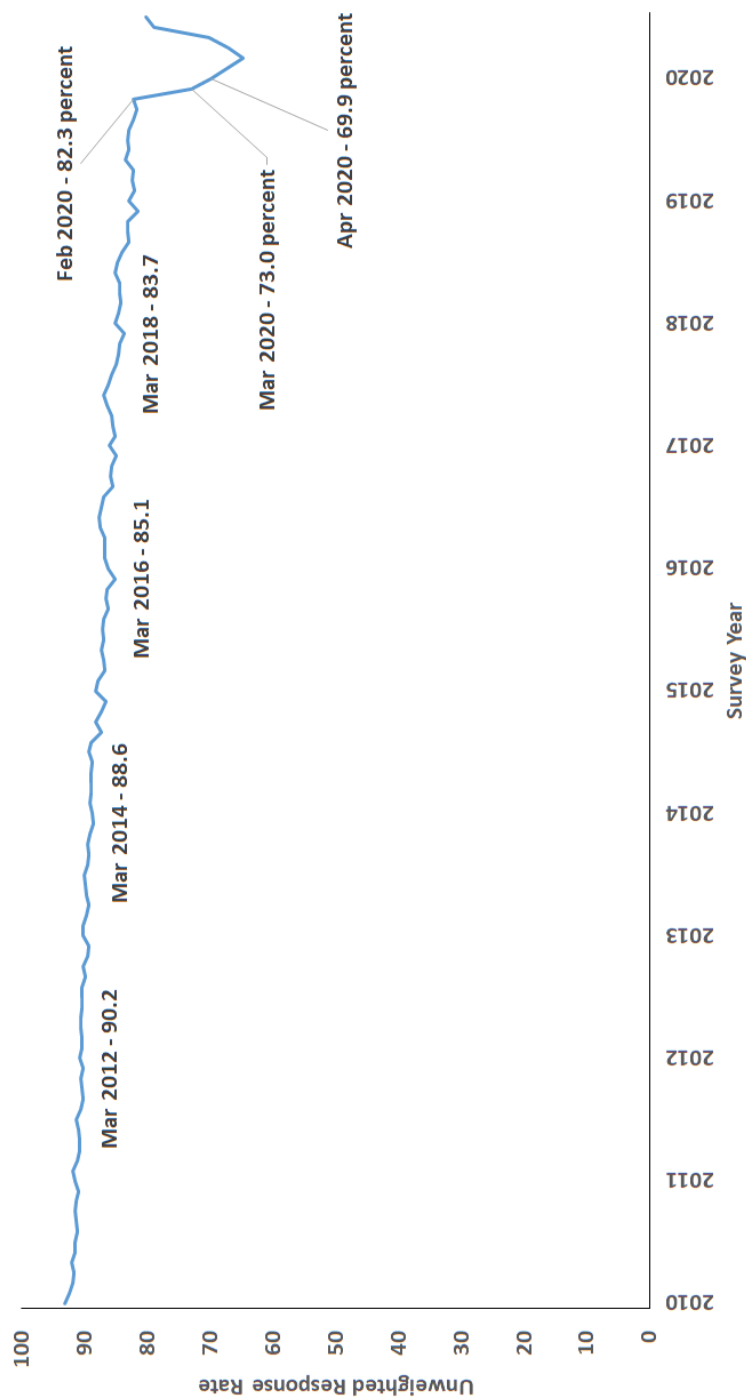
Table 13: Poverty Estimates using Survey and Alternative Weights

	Survey Weights				Full CPS (Full EBW)				Full EBW - Survey			
	2017 (1)	2018 (2)	2019 (3)	2020 (4)	2017 (5)	2018 (6)	2019 (7)	2020 (8)	2017 (9)	2018 (10)	2019 (11)	2020 (12)
Official Poverty Measure												
Overall	12.8 (0.14)	12.3 (0.17)	11.8 (0.15)	10.5 (0.15)	12.7 (0.05)	12.2 (0.04)	11.7 (0.03)	10.6 (0.03)	-0.07 (0.14)	-0.09 (0.16)	-0.05 (0.14)	0.15 (0.14)
White	11.1 (0.15)	10.5 (0.18)	10.1 (0.15)	9.1 (0.15)	11.1 (0.05)	10.5 (0.04)	10.1 (0.03)	9.2 (0.03)	-0.03 (0.15)	-0.02 (0.17)	-0.02 (0.14)	0.17 (0.15)
Black	21.8 (0.56)	21.7 (0.51)	20.8 (0.59)	18.8 (0.55)	21.6 (0.14)	21.5 (0.08)	20.8 (0.08)	19.0 (0.08)	-0.21 (0.55)	-0.24 (0.51)	-0.01 (0.57)	0.20 (0.54)
Hispanic	19.8 (0.44)	18.3 (0.47)	17.6 (0.41)	15.8 (0.44)	19.6 (0.07)	18.1 (0.06)	17.5 (0.06)	15.7 (0.07)	-0.23 (0.43)	-0.22 (0.47)	-0.06 (0.40)	-0.05 (0.43)
Supplemental Poverty Measure												
Overall	13.5 (0.16)	13.0 (0.19)	12.8 (0.16)	11.7 (0.17)	13.3 (0.05)	12.8 (0.03)	12.6 (0.03)	11.8 (0.03)	-0.21 (0.16)	-0.21 (0.18)	-0.15 (0.16)	0.06 (0.16)
White	12.0 (0.16)	11.5 (0.20)	11.2 (0.16)	10.5 (0.16)	11.9 (0.05)	11.3 (0.03)	11.1 (0.03)	10.6 (0.03)	-0.15 (0.17)	-0.16 (0.19)	-0.11 (0.16)	0.09 (0.16)
Black	21.0 (0.53)	20.6 (0.54)	20.4 (0.61)	18.4 (0.58)	20.6 (0.08)	20.1 (0.07)	20.0 (0.06)	18.2 (0.07)	-0.39 (0.53)	-0.52 (0.53)	-0.42 (0.60)	-0.12 (0.57)
Hispanic	22.5 (0.47)	20.5 (0.55)	20.3 (0.45)	18.9 (0.47)	22.1 (0.20)	20.1 (0.07)	20.2 (0.07)	18.7 (0.08)	-0.40 (0.49)	-0.38 (0.55)	-0.08 (0.44)	-0.20 (0.45)

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows the estimates of poverty using various weights. In Columns (1)-(4), we show estimates using survey weights, consistent with the estimates in each year's Income and Poverty Report (except for the 2017 estimates, which use the 2017 Research File). In Columns (5)-(8), we show the estimates using the EBW with only the March Basic CPS sample (avoiding the challenge of adjusting the base weights for oversampling of Hispanics and households with children). Columns (9)-(12) shows the difference between the EBW and survey estimates each year. Standard errors are shown in parenthesis. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively for the estimates in (9)-(12) only.

Figure 1: Basic CPS Monthly Unweighted Response Rates



Notes: This figure shows the unweighted household response rate to the Basic Monthly CPS over time.

Source: Bureau of Labor Statistics, <https://www.bls.gov/osmr/response-rates/household-survey-response-rates.htm>.

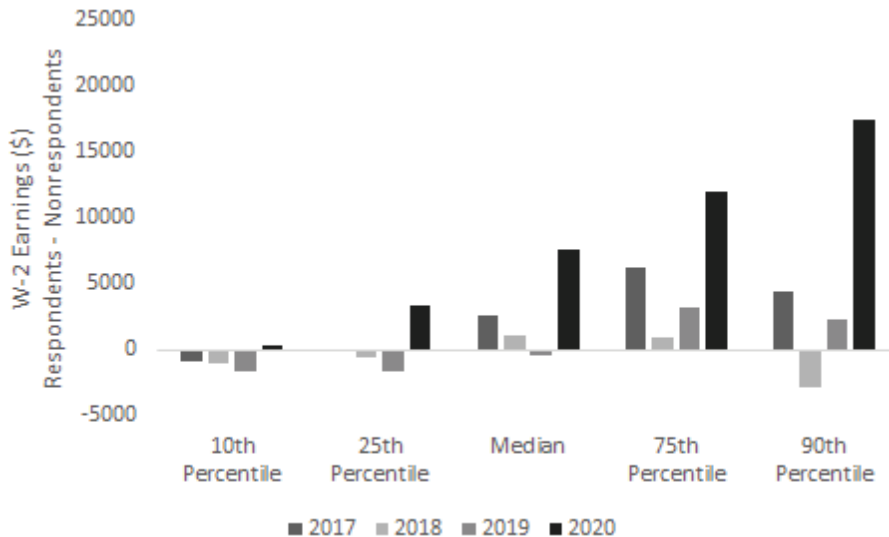
Figure 2: Diagram of Data Linkage for Respondents and Nonrespondents

CPS Addresses (about 80,000 non-vacant housing units in each year)	Respondents (83 percent)	In 1099 IRMF (81 percent)	Link to W2 (78 percent) 1099R (41 percent) 1040 (90 percent) 2010 Census (93 percent) 2001-2018 ACS (27 percent)
			No link to additional data
	Nonrespondents (17 percent)	Not in 1099 IRMF No more links possible	
		In 1099 IRMF (77 percent)	Link to W2 (84), 1099R (35), 1040 (91), 2010 Census (90), 2001-2018 ACS (22)
		Not in 1099 IRMF No more links possible	No link to additional data

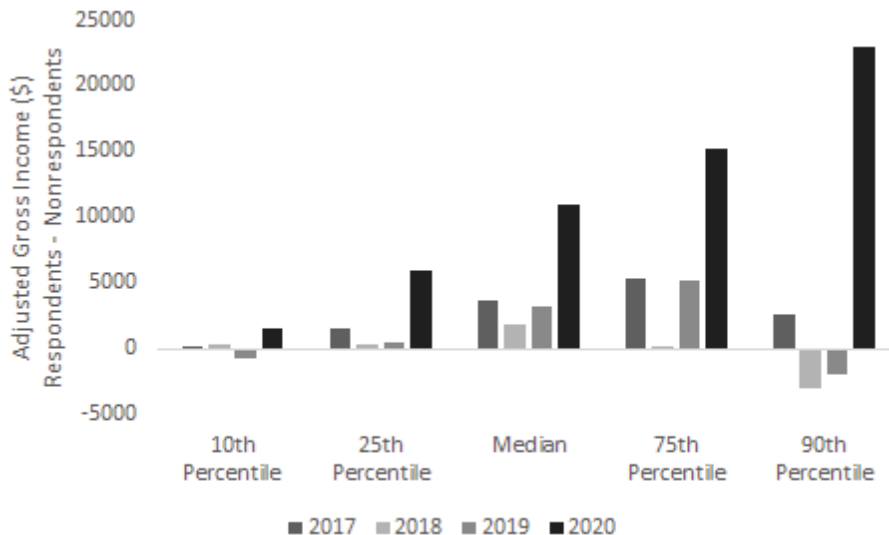
Notes: This figure shows a diagram of the linkage process used in this paper and described in Table 1. The percent values shown in parenthesis are from the 2019 CPS ASEC. The values shown for the 1099 IRMF, W-2, 1099-R, 1040, 2010 Census and 2001-2018 ACS are linkage rates conditional on being in the group in the box to the left (i.e. for respondent housing units, 81 percent can be linked by address to the 1099 IRMF).

Figure 3: Income Difference between Respondents and Nonrespondents

A. Total W-2 Earnings at Address



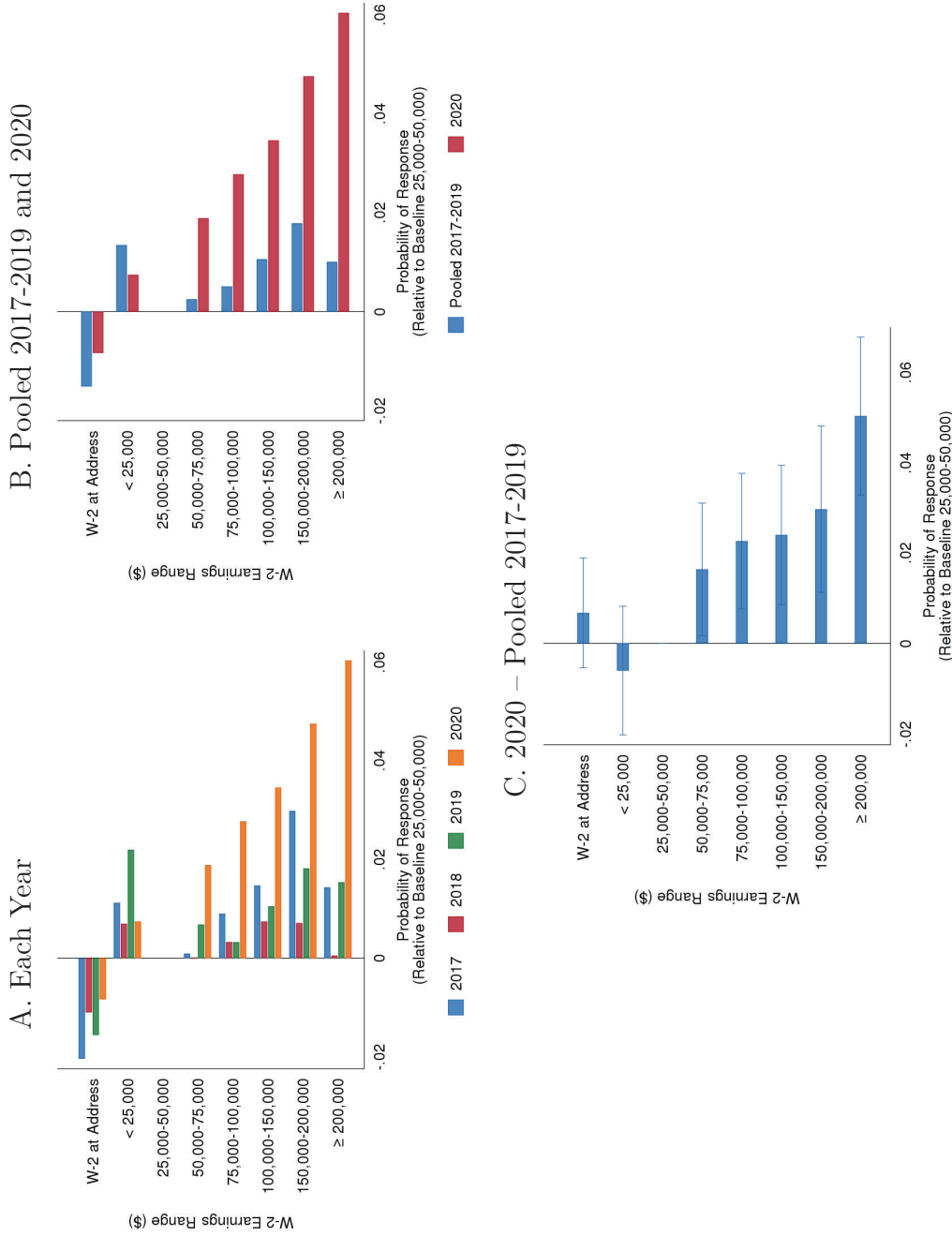
B. Total Adjusted Gross Income in Prior Year



Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This figure shows the difference in income by address between respondents and nonrespondents. Panel A shows total W-2 earnings at that address in the reference year of the survey. Panel B shows total 1040 AGI in the prior year for linked individuals at the survey address. A value of greater than zero indicates higher income for respondents than nonrespondents for that statistic and year.

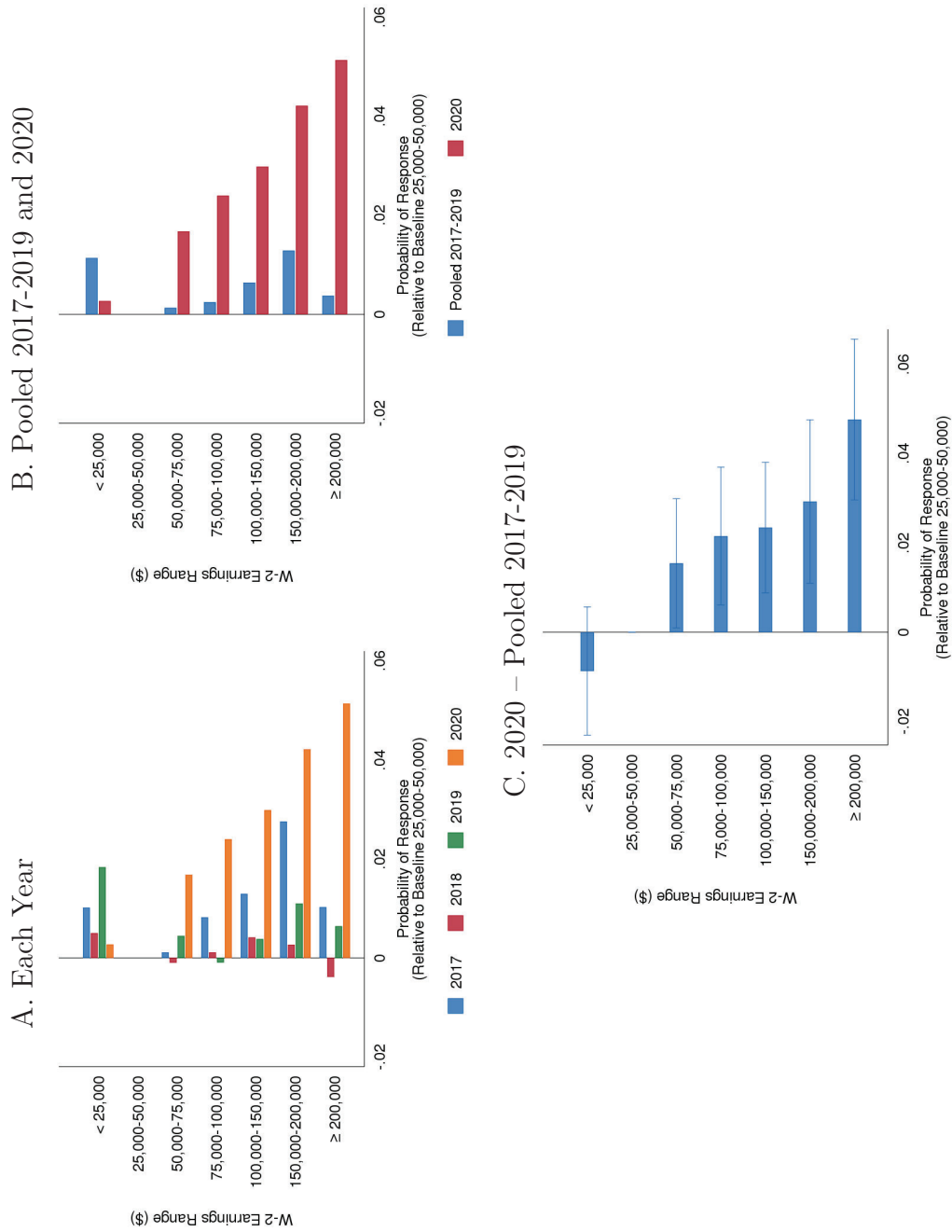
Figure 4: Probability of Response by Total W-2 Earnings at Address – No Controls



Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This figure shows the difference in income by address between respondents and nonrespondents. Panel A shows total W-2 earnings at that address in the reference year of the survey. Panel B shows total 1040 AGI in the prior year for linked individuals at the survey address. A value of greater than zero indicates higher income for respondents than nonrespondents for that statistic and year.

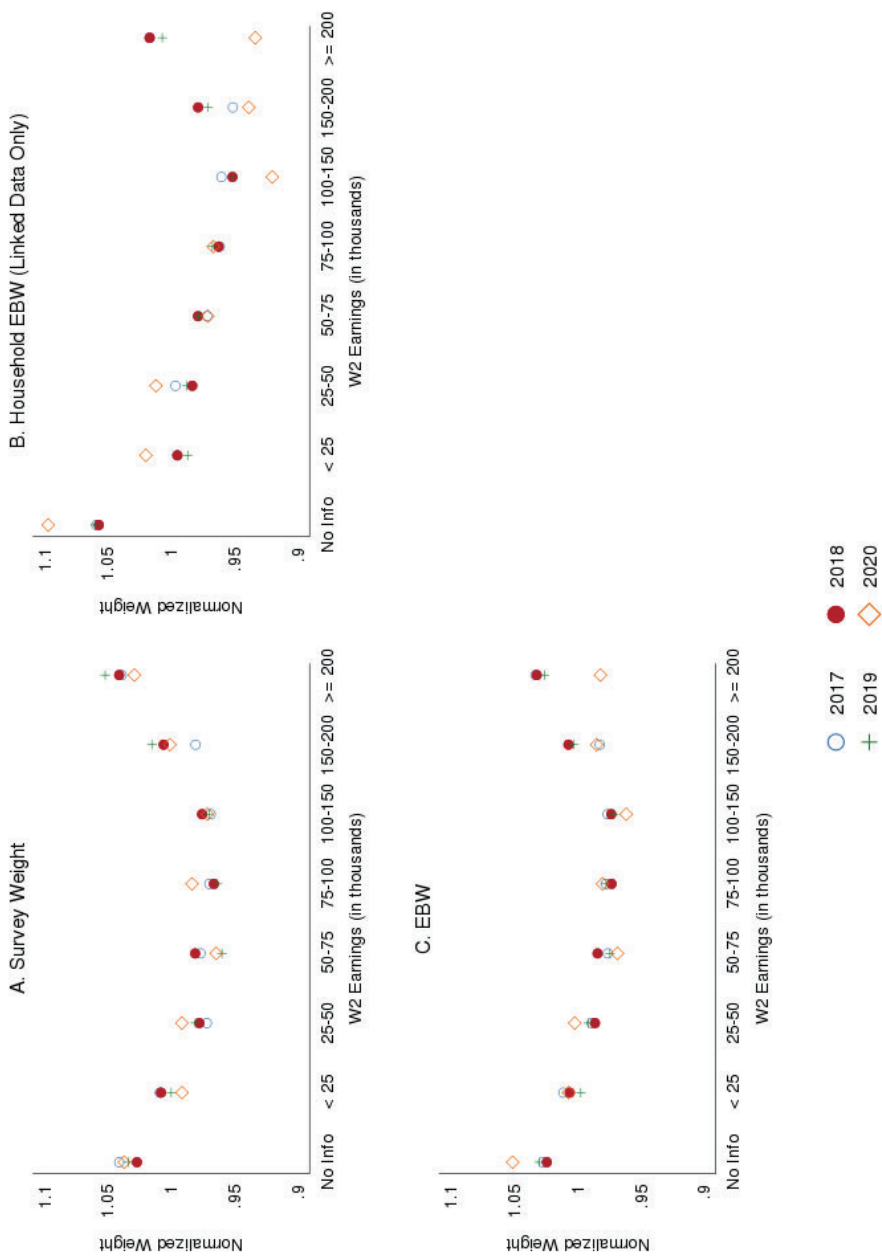
Figure 5: Probability of Response by Total W-2 Earnings at Address – Full Controls



Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This figure shows the coefficient estimates from a regression of housing unit response on W-2 earnings at that address, with the addition of demographic and socioeconomic controls. Positive values indicate individuals in that income range are more likely to respond than the baseline group (25,000–50,000).

Figure 6: Weights by Total W-2 Earnings at Address for Respondent Households

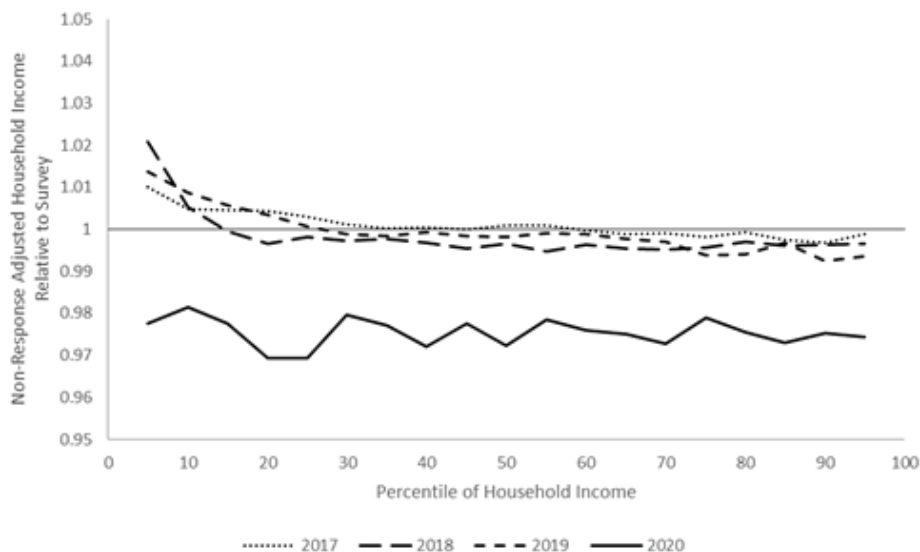


Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

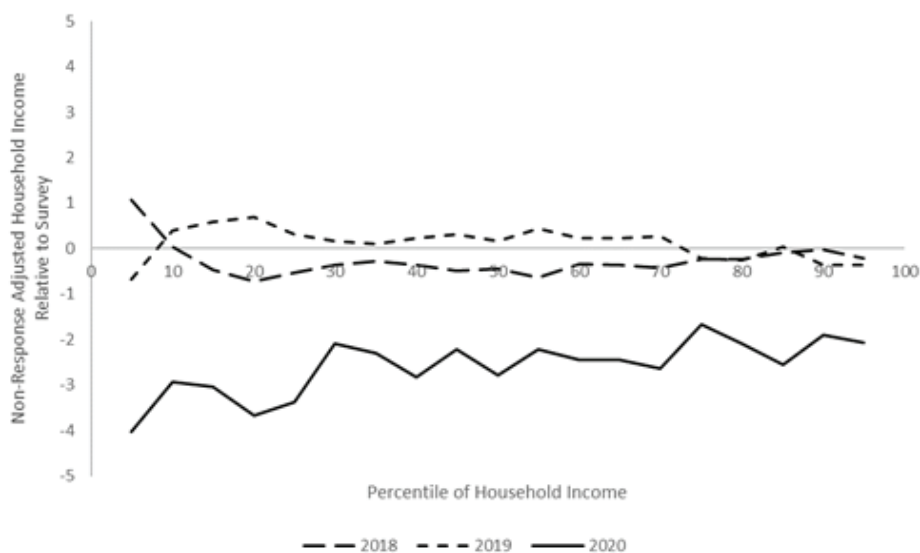
Notes: This figure shows the average weight (normalized) of survey respondent households by W-2 earnings linked to individuals at the survey address. Panel A shows the full CPS ASEC sample survey weights. Panel B shows the first-stage (household level) adjustment for nonresponse using linked survey and administrative data. Panel C shows the second-stage entropy balance weights (the final weights), which includes the adjustment in Panel B but also includes matching to external population totals.

Figure 7: Comparing the Distribution of Household Income with Alternative Weights

A. Alternative Weight Estimate (Full EBW) Relative to Survey



B. Difference in Year-to-Year Growth with Alternative Weights (Full EBW) vs. Survey Weights

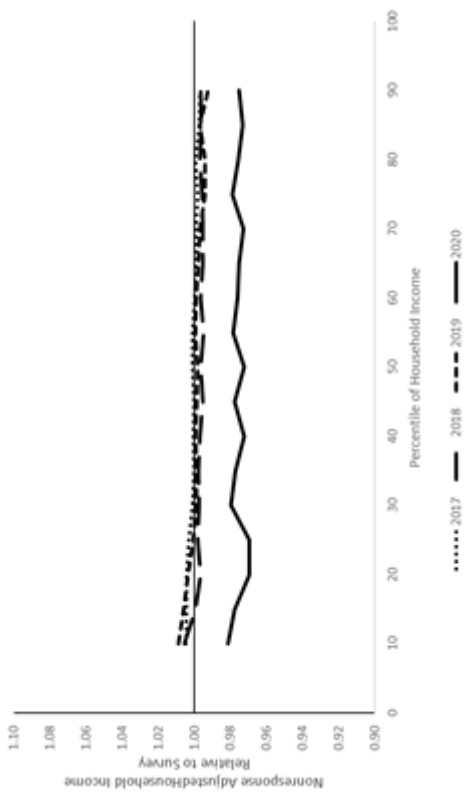


Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

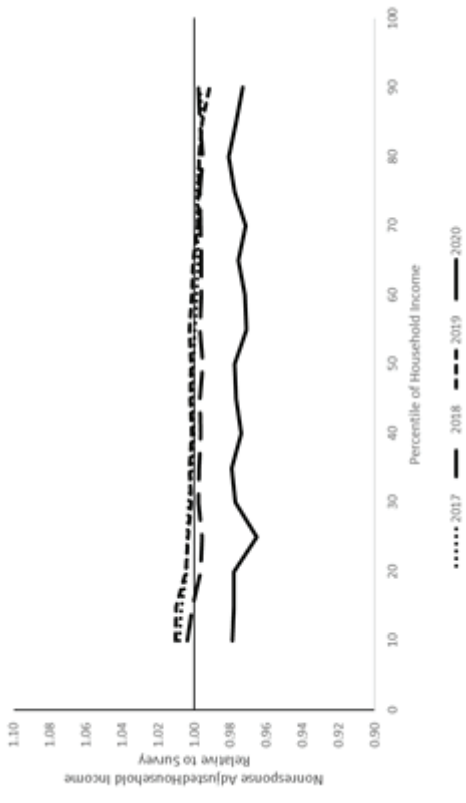
Notes: Panel A shows the estimates of income using the Full EBW compared to the survey-weighted estimate as published in each year's Income and Poverty Report (Semega et al., 2020). Panel B shows the difference in year-to-year growth in real household income with the Full EBW weights vs. the survey estimates.

Figure 8: Household Income by Subgroup using Survey and Alternative Weights

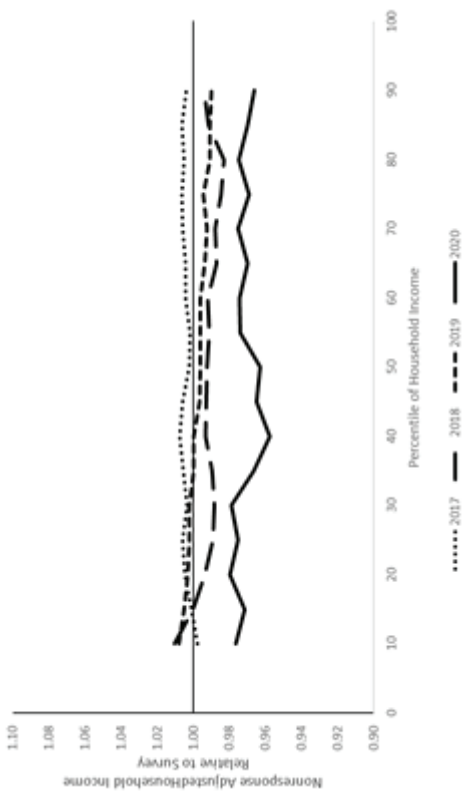
A. All Households



B. White, Non-Hispanic Households



C. Black Households



D. Hispanic Households



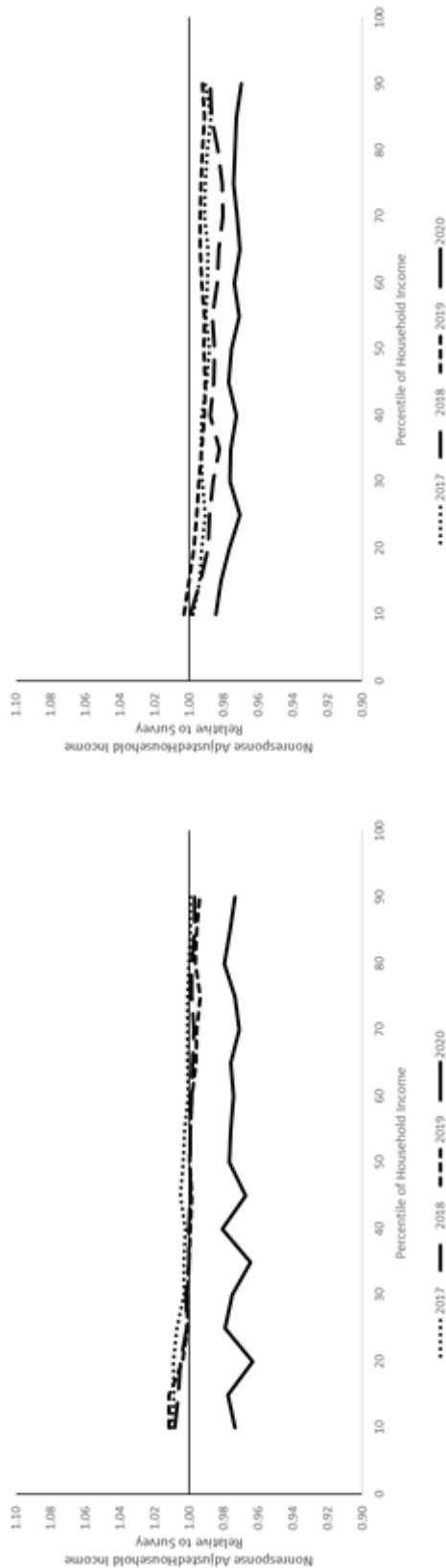
Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: Each panel shows estimates of the distribution of household income using the alternative weights (Full EBW) relative to the survey weights. For example, in Panel A from 2017 to 2019, the lines are very close to 1 across the distribution, indicating that the alternative weights do not have an economically meaningful impact on estimates of the household income distribution in those years.

Figure 8, Cont.: Household Income by Subgroup using Survey and Alternative Weights

F. Householder 65 and Over

E. Householder Under 65 Years Old



Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: Each panel shows estimates of the distribution of household income using the alternative weights (Full EBW) relative to the survey weights. For example, in Panel A from 2017 to 2019, the lines are very close to 1 across the distribution, indicating that the alternative weights do not have an economically meaningful impact on estimates of the household income distribution in those years.

Table A1: Probability of Response by Total Adjusted Gross Income in Prior Year

A. No Controls									
	Regression					Comparison			
	2017 (1)	2018 (2)	2019 (3)	Pooled (2017-2019) (4)	2020 (5)	2018 - 2017 (6)	2019 - 2018 (7)	2020 - 2019 (8)	2020 - Pooled (9)
Filed 1040	0.007607* (0.004146)	0.01008** (0.004736)	0.01445*** (0.004197)	0.01134*** (0.002701)	0.04607*** (0.006013)	0.002475 (0.006175)	0.004366 (0.005974)	0.03162*** (0.007280)	0.03473*** (0.006657)
0-25,000	0.006339 (0.004995)	0.007106 (0.005883)	0.01663*** (0.005055)	0.01021*** (0.003182)	0.001922 (0.006759)	0.0007670 (0.007600)	0.009525 (0.007572)	-0.01471* (0.008530)	-0.008290 (0.007462)
50,000-75,000	0.007476 (0.005426)	0.006014 (0.005323)	-0.0009206 (0.005066)	0.003825 (0.003166)	0.02841*** (0.006950)	-0.001463 (0.007746)	-0.006934 (0.006745)	0.02933*** (0.008540)	0.02458*** (0.007570)
75,000-100,000	0.01219** (0.005331)	0.009287 (0.005822)	0.01217** (0.005412)	0.01113*** (0.003406)	0.03744*** (0.006706)	-0.002906 (0.007715)	0.002885 (0.007548)	0.02526*** (0.008196)	0.02630*** (0.007416)
100,000-150,000	0.01319*** (0.004861)	0.01573*** (0.005260)	0.01369*** (0.004887)	0.01418*** (0.003242)	0.04606*** (0.006289)	0.002540 (0.007089)	-0.002048 (0.006569)	0.03237*** (0.008092)	0.03188*** (0.007131)
150,000-200,000	0.01860*** (0.006095)	0.01107 (0.006774)	0.02704*** (0.006660)	0.01900*** (0.004259)	0.05720*** (0.008149)	-0.007536 (0.008024)	0.01597* (0.008290)	0.03016*** (0.01037)	0.03821*** (0.009215)
≥ 200,000	0.01173** (0.005834)	0.003152 (0.005840)	0.01313** (0.005628)	0.009344*** (0.003484)	0.06307*** (0.006916)	-0.008579 (0.007728)	0.009980 (0.007807)	0.04994*** (0.009073)	0.05373*** (0.008046)
Constant	0.8566*** (0.002807)	0.8471*** (0.002856)	0.8227*** (0.002834)	0.8412*** (0.001780)	0.7112*** (0.004011)	-0.009515** (0.003745)	-0.02445*** (0.003849)	-0.1115*** (0.004563)	-0.1300*** (0.004374)
R-Squared	0.00	0.00	0.00	0.00	0.01				
Observations	81,000	79,500	82,000	242,000	79,500				

B. With Full Controls									
	Regression					Comparison			
	2017 (1)	2018 (2)	2019 (3)	Pooled (2017-2019) (4)	2020 (5)	2018 - 2017 (6)	2019 - 2018 (7)	2020 - 2019 (8)	2020 - Pooled (9)
0-25,000	0.00009845 (0.004959)	0.002192 (0.005839)	0.01139** (0.005153)	0.004797 (0.003161)	-0.008443 (0.006801)	0.002094 (0.007450)	0.009201 (0.007704)	-0.01984** (0.008609)	-0.01324* (0.007562)
50,000-75,000	0.008165 (0.005307)	0.004437 (0.005327)	-0.003075 (0.005129)	0.002712 (0.003149)	0.02496*** (0.007099)	-0.003728 (0.007665)	-0.007512 (0.006808)	0.02804*** (0.008736)	0.02225*** (0.007692)
75,000-100,000	0.01260** (0.005104)	0.006879 (0.005767)	0.007929 (0.005504)	0.008883*** (0.003346)	0.03250*** (0.006692)	-0.005719 (0.007523)	0.001050 (0.007683)	0.02457*** (0.008268)	0.02362*** (0.007353)
100,000-150,000	0.01338*** (0.004791)	0.01255** (0.005436)	0.008604* (0.005140)	0.01127*** (0.003285)	0.03895*** (0.006349)	-0.0008218 (0.007193)	-0.003950 (0.007008)	0.03034*** (0.008204)	0.02767*** (0.007117)
150,000-200,000	0.01838*** (0.006153)	0.008406 (0.006863)	0.02181*** (0.007040)	0.01607*** (0.004374)	0.04850*** (0.008213)	-0.009978 (0.008235)	0.01340 (0.008664)	0.02669** (0.01068)	0.03243*** (0.009322)
≥ 200,000	0.01031* (0.005995)	-0.0006266 (0.006098)	0.005452 (0.006338)	0.004672 (0.003734)	0.05063*** (0.007266)	-0.01093 (0.007981)	0.006078 (0.008661)	0.04518*** (0.009653)	0.04596*** (0.008270)
R-Squared	0.01	0.01	0.01	0.01	0.02				
Observations	81,000	79,500	82,000	242,000	79,500				

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table figure the coefficient estimates from a regression of housing unit response on total prior-year AGI for linked individuals at that address for the full CPS ASEC sample. Positive values indicate individuals in that income range are more likely to respond than the baseline group (25,000–50,000). Panel A shows the results without controls for linkage rates and available demographic and socioeconomic information (such as race, Hispanic origin, citizenship, etc.). Panel B shows the results with those controls included. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively.

Table A2: Probability of Response by Total W-2 Earnings at Address
MIS 1 and 5

A. No Controls									
	Regression					Comparison			
	2017 (1)	2018 (2)	2019 (3)	Pooled (2017-2019) (4)	2020 (5)	2018 - 2017 (6)	2019 - 2018 (7)	2020 - 2019 (8)	2020 - Pooled (9)
Filed 1040	0.007607*	0.01008**	0.01445***	0.01134***	0.04607***	0.002475	0.004366	0.03162***	0.03473***
	(0.004146)	(0.004736)	(0.004197)	(0.002701)	(0.006013)	(0.006175)	(0.005974)	(0.007280)	(0.006657)
0-25,000	0.006339	0.007106	0.01663***	0.01021***	0.001922	0.0007670	0.009525	-0.01471*	-0.008290
	(0.004995)	(0.005883)	(0.005055)	(0.003182)	(0.006759)	(0.007600)	(0.007572)	(0.008530)	(0.007462)
50,000-75,000	0.007476	0.006014	-0.0009206	0.003825	0.02841***	-0.001463	-0.006934	0.02933***	0.02458***
	(0.005426)	(0.005323)	(0.005066)	(0.003166)	(0.006950)	(0.007746)	(0.006745)	(0.008540)	(0.007570)
75,000-100,000	0.01219**	0.009287	0.01217**	0.01113***	0.03744***	-0.002906	0.002885	0.02526***	0.02630***
	(0.005331)	(0.005822)	(0.005412)	(0.003406)	(0.006706)	(0.007715)	(0.007548)	(0.008196)	(0.007416)
100,000-150,000	0.01319***	0.01573***	0.01369***	0.01418***	0.04606***	0.002540	-0.002048	0.03237***	0.03188***
	(0.004861)	(0.005260)	(0.004887)	(0.003242)	(0.006289)	(0.007089)	(0.006569)	(0.008092)	(0.007131)
150,000-200,000	0.01860***	0.01107	0.02704***	0.01900***	0.05720***	-0.007536	0.01597*	0.03016***	0.03821***
	(0.006095)	(0.006774)	(0.006660)	(0.004259)	(0.008149)	(0.008024)	(0.008290)	(0.01037)	(0.009215)
≥ 200,000	0.01173**	0.003152	0.01313**	0.009344***	0.06307***	-0.008579	0.009980	0.04994***	0.05373***
	(0.005834)	(0.005840)	(0.005628)	(0.003484)	(0.006916)	(0.007728)	(0.007807)	(0.009073)	(0.008046)
Constant	0.8566***	0.8471***	0.8227***	0.8412***	0.7112***	-0.009515**	-0.02445***	-0.1115***	-0.1300***
	(0.002807)	(0.002856)	(0.002834)	(0.001780)	(0.004011)	(0.003745)	(0.003849)	(0.004563)	(0.004374)
R-Squared	0.00	0.00	0.00	0.00	0.01				
Observations	81,000	79,500	82,000	242,000	79,500				

B. With Full Controls									
	Regression					Comparison			
	2017 (1)	2018 (2)	2019 (3)	Pooled (2017-2019) (4)	2020 (5)	2018 - 2017 (6)	2019 - 2018 (7)	2020 - 2019 (8)	2020 - Pooled (9)
0-25,000	0.00009845	0.002192	0.01139**	0.004797	-0.008443	0.002094	0.009201	-0.01984**	-0.01324*
	(0.004959)	(0.005839)	(0.005153)	(0.003161)	(0.006801)	(0.007450)	(0.007704)	(0.008609)	(0.007562)
50,000-75,000	0.008165	0.004437	-0.003075	0.002712	0.02496***	-0.003728	-0.007512	0.02804***	0.02225***
	(0.005307)	(0.005327)	(0.005129)	(0.003149)	(0.007099)	(0.007665)	(0.006808)	(0.008736)	(0.007692)
75,000-100,000	0.01260**	0.006879	0.007929	0.008883***	0.03250***	-0.005719	0.001050	0.02457***	0.02362***
	(0.005104)	(0.005767)	(0.005504)	(0.003346)	(0.006692)	(0.007523)	(0.007683)	(0.008268)	(0.007353)
100,000-150,000	0.01338***	0.01255**	0.008604*	0.01127***	0.03895***	-0.0008218	-0.003950	0.03034***	0.02767***
	(0.004791)	(0.005436)	(0.005140)	(0.003285)	(0.006349)	(0.007193)	(0.007008)	(0.008204)	(0.007117)
150,000-200,000	0.01838***	0.008406	0.02181***	0.01607***	0.04850***	-0.009978	0.01340	0.02669**	0.03243***
	(0.006153)	(0.006863)	(0.007040)	(0.004374)	(0.008213)	(0.008235)	(0.008664)	(0.01068)	(0.009322)
≥ 200,000	0.01031*	-0.0006266	0.005452	0.004672	0.05063***	-0.01093	0.006078	0.04518***	0.04596***
	(0.005995)	(0.006098)	(0.006338)	(0.003734)	(0.007266)	(0.007981)	(0.008661)	(0.009653)	(0.008270)
R-Squared	0.01	0.01	0.01	0.01	0.02				
Observations	81,000	79,500	82,000	242,000	79,500				

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows the coefficient estimates from a regression of housing unit response on W-2 earnings at that address for respondents in Month-in-Sample 1 and 5. Month-in-Sample 1 and 5 response rates were particularly affected by the pandemic as those interviews are more likely to be conducted in person in non-pandemic years. Positive values indicate individuals in that income range are more likely to respond than the baseline group (25,000–50,000). Panel A shows the results without controls for linkage rates and available demographic and socioeconomic information (such as race, Hispanic origin, citizenship, etc.). Panel B shows the results with those controls included. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively.

Table A3: Probability of Response by Total W-2 Earnings at Address
Not MIS 1 and 5

A. No Controls									
	Regression					Comparison			
	2017 (1)	2018 (2)	2019 (3)	Pooled (2017-2019) (4)	2020 (5)	2018 - 2017 (6)	2019 - 2018 (7)	2020 - 2019 (8)	2020 - Pooled (9)
Filed 1040	0.007607*	0.01008**	0.01445***	0.01134***	0.04607***	0.002475	0.004366	0.03162***	0.03473***
	(0.004146)	(0.004736)	(0.004197)	(0.002701)	(0.006013)	(0.006175)	(0.005974)	(0.007280)	(0.006657)
0-25,000	0.006339	0.007106	0.01663***	0.01021***	0.001922	0.0007670	0.009525	-0.01471*	-0.008290
	(0.004995)	(0.005883)	(0.005055)	(0.003182)	(0.006759)	(0.007600)	(0.007572)	(0.008530)	(0.007462)
50,000-75,000	0.007476	0.006014	-0.0009206	0.003825	0.02841***	-0.001463	-0.006934	0.02933***	0.02458***
	(0.005426)	(0.005323)	(0.005066)	(0.003166)	(0.006950)	(0.007746)	(0.006745)	(0.008540)	(0.007570)
75,000-100,000	0.01219**	0.009287	0.01217**	0.01113***	0.03744***	-0.002906	0.002885	0.02526***	0.02630***
	(0.005331)	(0.005822)	(0.005412)	(0.003406)	(0.006706)	(0.007715)	(0.007548)	(0.008196)	(0.007416)
100,000-150,000	0.01319***	0.01573***	0.01369***	0.01418***	0.04606***	0.002540	-0.002048	0.03237***	0.03188***
	(0.004861)	(0.005260)	(0.004887)	(0.003242)	(0.006289)	(0.007089)	(0.006569)	(0.008092)	(0.007131)
150,000-200,000	0.01860***	0.01107	0.02704***	0.01900***	0.05720***	-0.007536	0.01597*	0.03016***	0.03821***
	(0.006095)	(0.006774)	(0.006660)	(0.004259)	(0.008149)	(0.008024)	(0.008290)	(0.01037)	(0.009215)
≥ 200,000	0.01173**	0.003152	0.01313**	0.009344***	0.06307***	-0.008579	0.009980	0.04994***	0.05373***
	(0.005834)	(0.005840)	(0.005628)	(0.003484)	(0.006916)	(0.007728)	(0.007807)	(0.009073)	(0.008046)
Constant	0.8566***	0.8471***	0.8227***	0.8412***	0.7112***	-0.009515**	-0.02445***	-0.1115***	-0.1300***
	(0.002807)	(0.002856)	(0.002834)	(0.001780)	(0.004011)	(0.003745)	(0.003849)	(0.004563)	(0.004374)
R-Squared	0.00	0.00	0.00	0.00	0.01				
Observations	81,000	79,500	82,000	242,000	79,500				

B. With Full Controls									
	Regression					Comparison			
	2017 (1)	2018 (2)	2019 (3)	Pooled (2017-2019) (4)	2020 (5)	2018 - 2017 (6)	2019 - 2018 (7)	2020 - 2019 (8)	2020 - Pooled (9)
0-25,000	0.00009845	0.002192	0.01139**	0.004797	-0.008443	0.002094	0.009201	-0.01984**	-0.01324*
	(0.004959)	(0.005839)	(0.005153)	(0.003161)	(0.006801)	(0.007450)	(0.007704)	(0.008609)	(0.007562)
50,000-75,000	0.008165	0.004437	-0.003075	0.002712	0.02496***	-0.003728	-0.007512	0.02804***	0.02225***
	(0.005307)	(0.005327)	(0.005129)	(0.003149)	(0.007099)	(0.007665)	(0.006808)	(0.008736)	(0.007692)
75,000-100,000	0.01260**	0.006879	0.007929	0.008883***	0.03250***	-0.005719	0.001050	0.02457***	0.02362***
	(0.005104)	(0.005767)	(0.005504)	(0.003346)	(0.006692)	(0.007523)	(0.007683)	(0.008268)	(0.007353)
100,000-150,000	0.01338***	0.01255**	0.008604*	0.01127***	0.03895***	-0.0008218	-0.003950	0.03034***	0.02767***
	(0.004791)	(0.005436)	(0.005140)	(0.003285)	(0.006349)	(0.007193)	(0.007008)	(0.008204)	(0.007117)
150,000-200,000	0.01838***	0.008406	0.02181***	0.01607***	0.04850***	-0.009978	0.01340	0.02669**	0.03243***
	(0.006153)	(0.006863)	(0.007040)	(0.004374)	(0.008213)	(0.008235)	(0.008664)	(0.01068)	(0.009322)
≥ 200,000	0.01031*	-0.0006266	0.005452	0.004672	0.05063***	-0.01093	0.006078	0.04518***	0.04596***
	(0.005995)	(0.006098)	(0.006338)	(0.003734)	(0.007266)	(0.007981)	(0.008661)	(0.009653)	(0.008270)
R-Squared	0.01	0.01	0.01	0.01	0.02				
Observations	81,000	79,500	82,000	242,000	79,500				

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows the coefficient estimates from a regression of housing unit response on W-2 earnings at that address for respondents not in Month-in-Sample 1 and 5. Month-in-Sample 1 and 5 response rates were particularly affected by the pandemic as those interviews are more likely to be conducted in person in non-pandemic years. Positive values indicate individuals in that income range are more likely to respond than the baseline group (25,000–50,000). Panel A shows the results without controls for linkage rates and available demographic and socioeconomic information (such as race, Hispanic origin, citizenship, etc.). Panel B shows the results with those controls included. ***, **, and * indicate statistical significance at the 1-, 5-, and 10-percent levels respectively.

Table A4: Validation of Public-Use Weights for Median Household Income

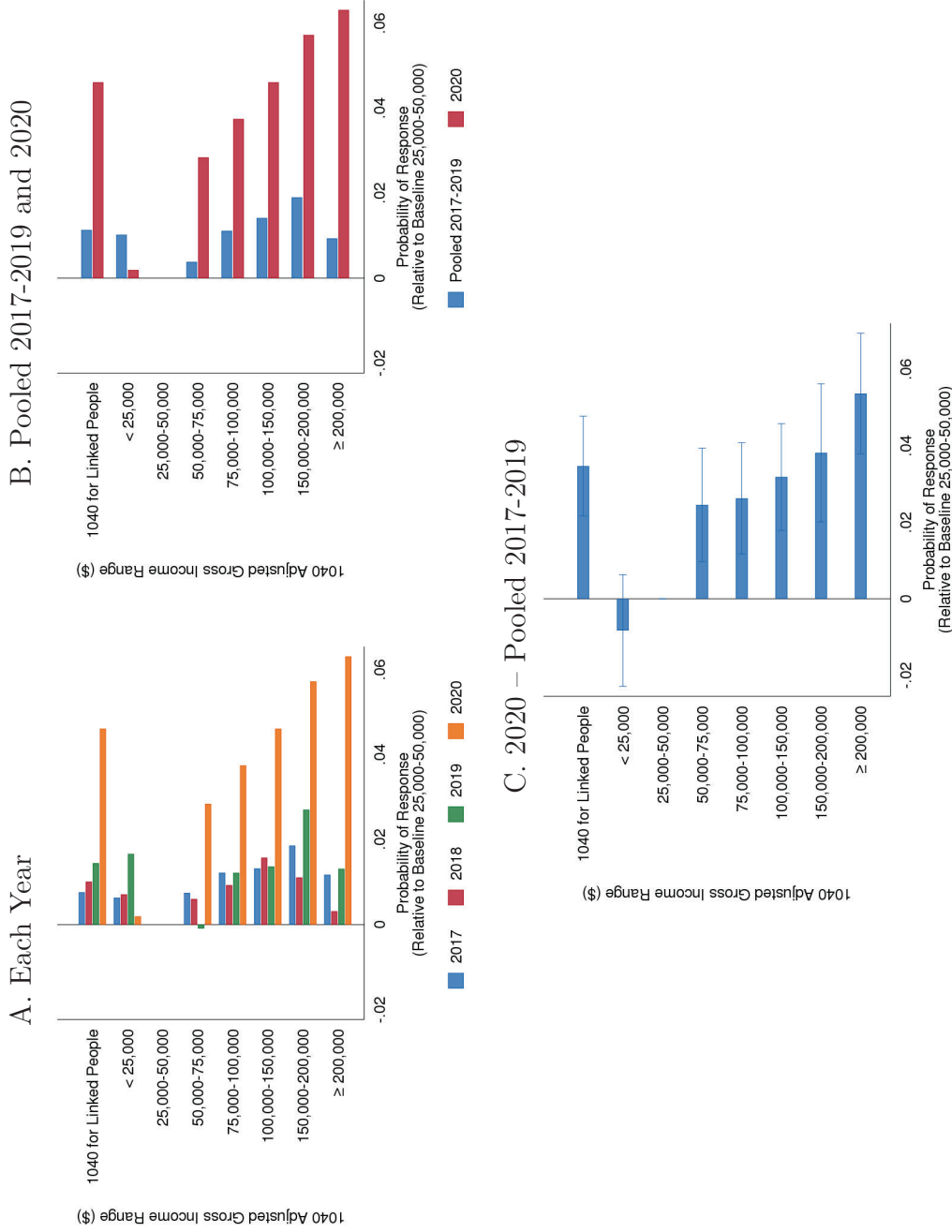
	A. Estimates of Median Household Income (Current Dollars)											
	2017				2018				2019			
	Survey (1)	Full EBW (2)	Public-Use EBW (3)	Survey (4)	Full EBW (5)	Public-Use EBW (6)	Survey (7)	Full EBW (8)	Public-Use EBW (9)	Survey (10)	Full EBW (11)	Public-Use EBW (12)
All Households	59,210	59,270	59,250	61,140	60,920	60,920	63,180	63,060	63,100	68,700	66,790	66,810
Married-Couple Households	87,360	86,910	86,980	91,330	90,740	90,790	93,650	92,870	92,900	102,300	100,300	100,300
White Households	61,950	62,010	61,990	64,830	64,640	64,650	66,940	67,010	67,040	72,200	70,680	70,690
White, Non-Hispanic Households	65,440	65,490	65,480	68,190	67,870	67,900	70,640	70,770	70,810	76,060	74,370	74,410
Black Households	39,750	39,840	39,950	39,360	39,070	39,150	41,360	41,200	41,240	45,440	43,750	43,720
Hispanic Households	46,930	47,240	47,250	50,170	50,640	50,660	51,450	51,510	51,520	56,110	55,620	55,700
Householder < 65 Years Old	66,180	66,410	66,400	69,260	69,220	69,220	71,660	71,630	71,620	77,870	76,070	76,080
Householder ≥ 65 Years Old	40,530	40,060	40,070	41,300	40,700	40,690	43,700	43,320	43,350	47,360	46,200	46,210

	B. Percent Difference from Survey											
	2017				2018				2019			
	Full EBW (1)	Public-Use EBW (2)	Full EBW (3)	Public-Use EBW (4)	Full EBW (5)	Public-Use EBW (6)	Full EBW (7)	Public-Use EBW (8)	Full EBW (9)	Public-Use EBW (10)	Full EBW (11)	Public-Use EBW (12)
All Households	0.1	0.1	-0.4	-0.4	-0.4	-0.4	-0.2	-0.2	-0.1	-0.1	-2.8	-2.8
Married-Couple Households	-0.5	-0.4	-0.6	-0.6	-0.6	-0.6	-0.8	-0.8	-0.8	-0.8	-2.0	-2.0
White Households	0.1	0.1	-0.3	-0.3	-0.3	-0.3	0.1	0.1	0.1	0.1	-2.1	-2.1
White, Non-Hispanic Households	0.1	0.1	-0.5	-0.4	-0.5	-0.4	0.2	0.2	0.2	0.2	-2.2	-2.2
Black Households	0.2	0.5	-0.7	-0.7	-0.7	-0.5	-0.4	-0.4	-0.3	-0.3	-3.7	-3.8
Hispanic Households	0.7	0.7	0.9	0.9	0.9	1.0	0.1	0.1	0.1	0.1	-0.9	-0.7
Householder < 65 Years Old	0.3	0.3	-0.1	-0.1	-0.1	-0.1	Z	Z	-0.1	-0.1	-2.3	-2.3
Householder ≥ 65 Years Old	-1.2	-1.1	-1.5	-1.5	-1.5	-1.5	-0.9	-0.9	-0.8	-0.8	-2.4	-2.4

Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This table shows median household income estimates for various subgroups of households, in current dollars (the same groups as in Figure 8). Medians cannot be used as moment conditions in entropy balancing, so these serve as a simple test for the success of the public-use weights in matching untargeted, but relevant, income statistics. Survey and Full EBW estimates are generated as in all other tables, using the internal CPS ASEC file with the survey and EBW weights, respectively. Under Public-Use EBW, income is estimated using the public-use CPS ASEC file and the public-use weights discussed in Section 5. The percent differences have not been tested for statistical significance and are shown for reference only. Z indicates an estimate rounds to 0.

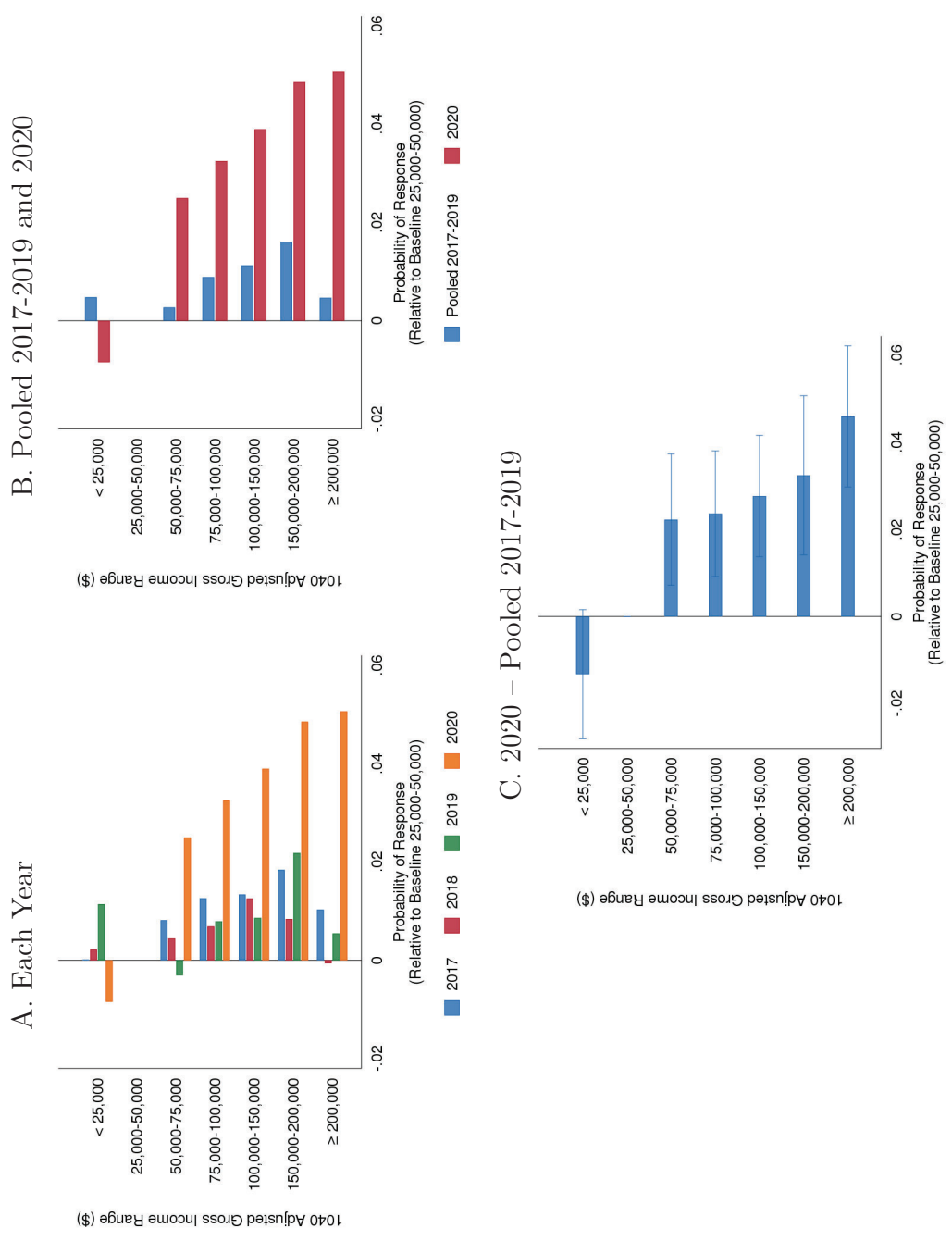
Figure A1: Probability of Response by Total Adjusted Gross Income in Prior Year – No Controls



Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This figure shows the coefficient estimates from a regression of housing unit response on total prior-year AGI for linked individuals at that address. Positive values indicate individuals in that income range are more likely to respond than the baseline group (25,000–50,000).

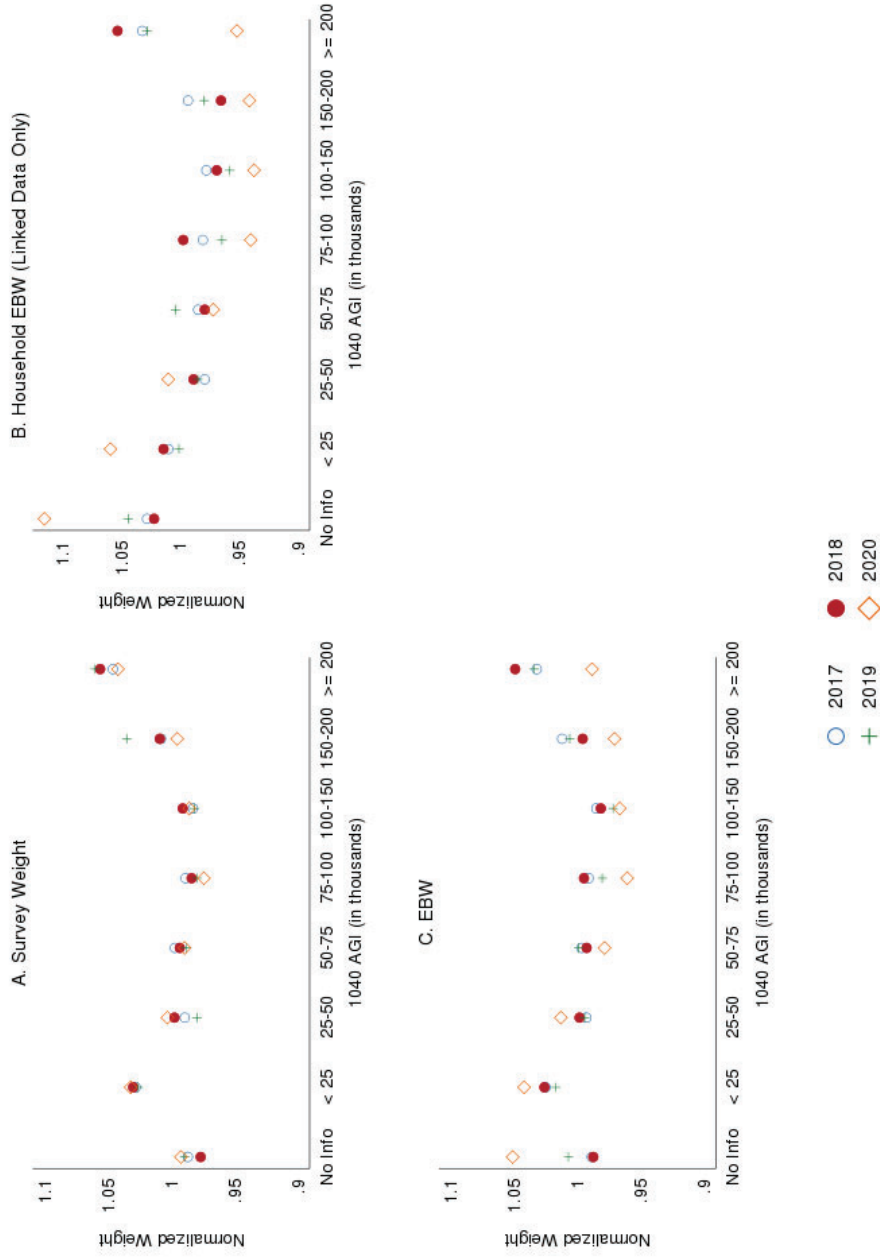
Figure A2: Probability of Response by Total W-2 Earnings at Address – Full Controls



Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This figure shows the coefficient estimates from a regression of housing unit response on total prior-year AGI for linked individuals at that address, with the addition of demographic and socioeconomic controls. Positive values indicate individuals in that income range are more likely to respond than the baseline group (25,000–50,000).

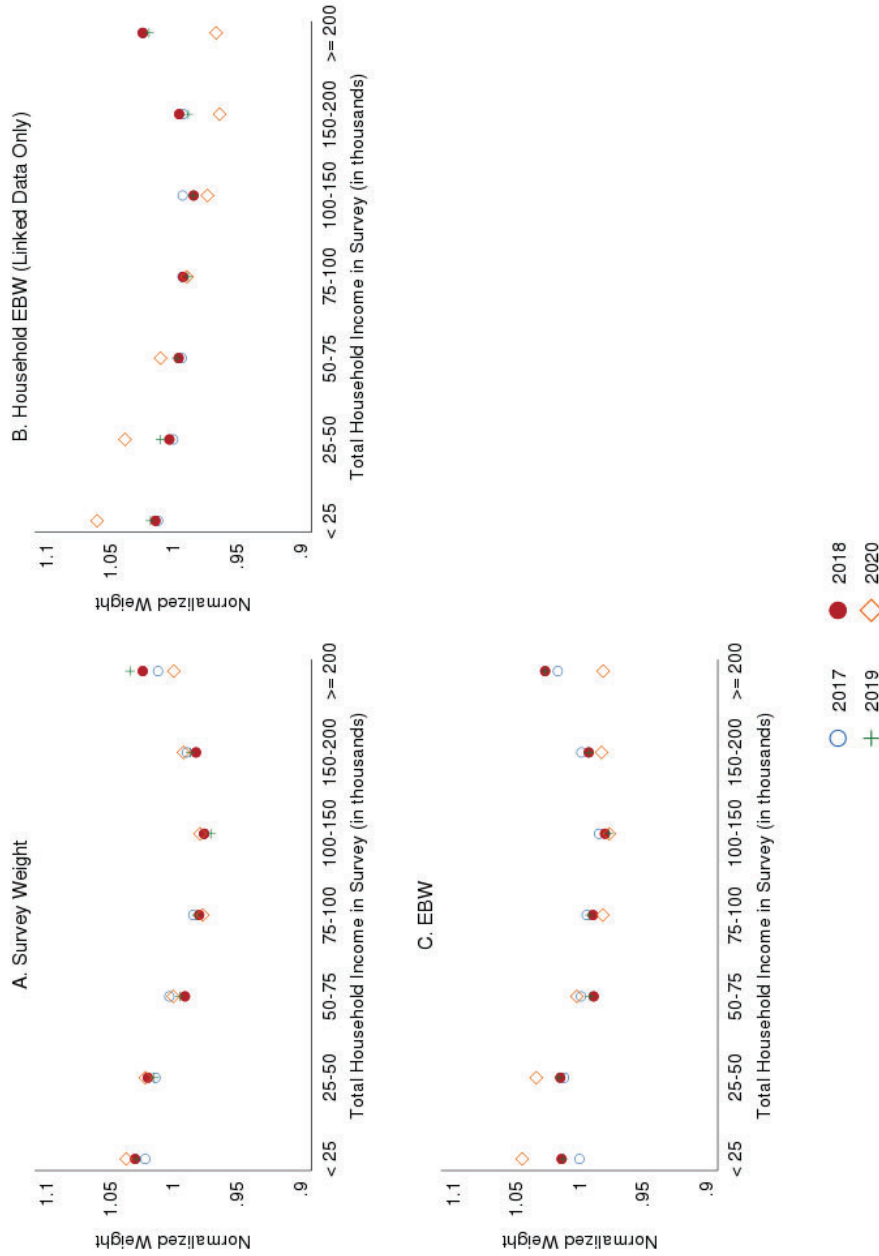
Figure A3: Weights by Total Adjusted Gross Income in Prior Year for Respondent Households



Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This figure shows the average weight (normalized) of survey respondent households by prior year 1040 AGI for linked individuals at the survey address. Panel A shows the full CPS ASEC sample survey weights. Panel B shows the first-stage (household level) adjustment for nonresponse using linked survey and administrative data. Panel C shows the second-stage entropy balance weights (the final weights), which includes the adjustment in Panel B but also includes matching to external population totals.

Figure A4: Weights by Survey-Reported Household Income



Source: U.S. Census Bureau 2017-2020 Current Population Annual Social and Economic Supplement linked to administrative, census, and survey data as indicated in Table 1. The 2017 and 2018 files are the CPS ASEC Research and Bridge Files, respectively.

Notes: This figure shows the average weight (normalized) of survey respondent households by survey-reported household income. Panel A shows the full CPS ASEC sample survey weights. Panel B shows the first-stage (household level) adjustment for nonresponse using linked survey and administrative data. Panel C shows the second-stage entropy balance weights (the final weights), which includes the adjustment in Panel B but also includes matching to external population totals.

American Community Survey Design and Methodology (January 2014)

Chapter 11: Weighting and Estimation



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Chapter 11: Weighting and Estimation

11.1 Overview

In general, the Census Bureau will produce and publish estimates for the same set of statistical, legal, and administrative entities as the previously published Census long form: the nation, states, American Indian and Alaska Native (AIAN) areas, counties (*municipios* in Puerto Rico), minor civil divisions (MCDs), incorporated places, and census tracts, among others (see Chapter 14, “Data Dissemination”). The Census Bureau will publish up to three sets of estimates for a geographic area depending on its total population.

- For all statistical, legal, and administrative entities, including census tracts, block groups, and small incorporated places, such as cities and towns, the Census Bureau publishes 5-year estimates based on data collected during the 60 months of the five most recent calendar years.
- For geographic entities with populations of at least 20,000, the Census Bureau will also publish 3-year estimates based on data collected during the 36 months of the three most recent calendar years.
- For geographic entities with populations of at least 65,000, the Census Bureau will also publish single-year estimates based on data collected during the 12 months of the most recent calendar year.

The basic estimation approach is a ratio estimation procedure that results in the assignment of two sets of weights: a weight to each sample person record, both household and group quarters (GQ) persons, and a weight to each sample housing unit (HU) record. As with most household surveys, weights are used to bring the characteristics of the sample more into agreement with those of the full population by compensating for differences in sampling rates across areas, differences between the full sample and the interviewed sample, and differences between the sample and independent estimates of basic demographic characteristics (Alexander, Dahl, & Weidman, 1997).

In particular, the ACS uses ratio estimation to take advantage of independent population estimates by sex, age, race, and Hispanic origin, and estimates of total HUs produced by the Population Estimates Program (PEP) of the Census Bureau. This results in an increase in the precision of the estimates and corrects for under-/overcoverage by geography and demographic detail. This method also produces ACS estimates consistent with the population estimates by these characteristics and the estimates of total HUs for each county in the United States.

For any given geographic area, a characteristic total is estimated by summing the weights assigned to the people, households, families, or HUs possessing the characteristic. Estimates of

population characteristics are based on the person weight. Estimates of family, household, and HU characteristics are based on the HU weight.

Sections 11.2–11.6 describe the single-year weighting and estimation methodology for calculating person weights for the GQ person records as implemented for the 2011 ACS forward. This weighting for GQ persons is done independently of the weighting for HUs. Sections 11.7–0 describe the single-year weighting methodology for calculating HU weights and person weights for the household sample records for the 2009 ACS forward. The weighting for household persons makes use of the GQ person weights so that the household and GQ person weights can be combined to produce estimates of the total population. While the methodology for the multiyear weighting is largely the same as the single-year weighting methodology, Section 11.11 outlines where the multiyear (3- and 5-year) weighting methodology differs from the single-year methodology.

11.2 ACS Group quarters person weighting

Since the 2006 data collection year, estimates from the ACS have included data from both people living in HUs and GQs. The weighting and estimation methodology for GQs significantly changed for the 2011 data year going forward. Readers who are interested in the methodology used prior to 2011 should reference the 12/2010 revision of this chapter posted on the ACS web site. The new methodology was designed to address a significant limitation of the current sample design and the previous weighting methodology. Due to constraints on both sample size and budget, the sample design was optimized at the state level rather than the small area level as is the case for the HU sample. In addition, the lack of independent GQ population estimates at the substate level led to the decision to optimize the weighting at the state level as well to support the GQ products that are released at that level. The trade-off, however, was increased substate variation in both the estimate of total GQ population and the characteristics of that population. As a result of this variation, there were many counties and tracts that did not have GQ representation even with the five-year estimates (Asiala, Beaghen, & Navarro, Using Imputation Methods to Improve the American Community Survey Estimates of the Group Quarters Population for Small Geographies, 2011). This variation was substantial enough to impact the estimates of the characteristics of the total resident population for the substate areas, including counties (Beaghen & Stern, 2009).

To address this limitation, a new GQ estimation methodology was developed and implemented with the 2011 data products. At its core is a mass imputation procedure whereby whole person records taken from the interviewed sample are copied (i.e., imputed) into not-in-sample GQs. By doing so, the GQ estimates better reflect the substate distribution of the GQs present on the sampling frame and reduce the variability in the substate estimates.

This estimation methodology has four basic components:

- Construct enhanced GQ imputation frame
- Select donors for whole person record imputation into select not-in-sample GQs
- Weighting
- Construct the post-imputation microdata

Each component is described in detail in the subsequent sections.

11.3 Construct Enhanced GQ Imputation Frame

The goal of the enhanced GQ imputation frame is to start with the sampling frame for the given year (see Chapter 3 for more details) and update that frame with all information regarding the frame that is collected during the year. Most updates that are available come from sample cases that were fielded after the creation of the sampling frame. These updates include: number of persons residing in the GQ, GQ type, and identification of nonexistent or out-of-scope GQ facilities.

If only the size of the sampled facilities were updated on the enhanced frame then the imputation into the not-in-sample facilities would not reflect the trends observed in the in-sample facilities. For example, if GQs that were in sample for a particular major type are tending to be larger than expected the same trend is expected to occur in the not-in-sample GQs of the same major type. For this reason, the expected populations of the not-in-sample GQs are adjusted using the observed relationship between the observed and expected population of the in-sample GQs. This adjustment is calculated within cells defined by major GQ type (see Table 11-1) by size class (less than 16, 16 to 399, 400 or greater).

Table 11-1: Major GQ Type

Major GQ type	Definition	Institutional/Noninstitutional
0	Correctional Institutions – Federal Prisons	Institutional
1	Correctional institutions - Other	Institutional
2	Juvenile Detention facilities	Institutional
3	Nursing homes	Institutional
4	Other Long-Term Care facilities	Institutional
5	College Dormitories	Noninstitutional
6	Military facilities	Noninstitutional
7	Other Noninstitutional facilities	Noninstitutional

To improve the imputation, a flag is set on the enhanced frame to identify single-sex facilities. A facility is designated as a single sex facility if either the federal Bureau of Prisons demographics file, both the most recent census and historical ACS sample interview data, or the most recent census for facilities with no historical ACS sample interview data reflect a sex distribution that is either at least 90% male or female. GQs identified as a single sex GQ will only have persons of that sex imputed into that facility. All other GQs will not take sex into account when imputing

records into the facility. For more information on creating the enhanced frame, see the detailed computer specifications (Castro, 2012b).

11.4 Select Donors for Imputation

The overarching goal of the imputation procedure is for the substate GQ estimates to better reflect the distribution present on the frame. To accomplish this, this goal is separated into two objectives:

- To establish representation of county by major type in the tabulations for each combination that exists on the frame for the 1-, 3-, and 5-year data.
- To establish representation of tract by major type in the tabulations for each combination that exists on the frame for the 5-year data.

To accomplish these two objectives, while providing some limits on the degree of imputation required, the imputation is targeted towards two groups:

- All not-in-sample GQs that have an expected population of greater than 15 persons will be selected to receive imputed whole person records.
- A subset of the not-in-sample GQs that have an expected population of 15 or fewer persons will likewise be selected as necessary in order to achieve the two objectives stated above.

The larger GQs are selected with certainty to ensure a base distribution of the GQ estimates in the broadest set of geographic areas. Since these GQs contain the largest proportion of the GQ population, targeting these GQs to receive imputed records will have the greatest visibility and impact on the estimates. The smaller GQs are selected only as needed to achieve the stated objectives. Thus, if there is a tract by major type combination that exists on the enhanced frame that is comprised of entirely small GQs, then one small GQ will be selected at random to represent the set of small GQs that exist for that combination.

Once the GQs are selected for imputation, the number of imputed person records to allocate to each GQ is determined. For the larger GQs, the number of imputed GQ person records is calculated as the larger of 2.5% of the expected population or one. For the smaller GQs, the number of imputed person records is the larger of 20% of the expected population or one.

Once the subset of not-in-sample GQs has been selected and the number of GQ imputed records to be assigned to the GQ has been computed, donors from the interviewed sample are selected. The selection process is implemented through an expanding search algorithm that first searches for a donor within county of the same specific GQ type. The specific types are a more detailed breakdown of the seven major types into more than 30 specific types. For example, the major type for correctional institutions is further classified into federal prisons, state prisons, jails, and half-way houses. If a donor is not found, the search expands to within county but of the same

major GQ type. If a donor is still not found, the geographic region is expanded and the process repeats until a donor is found. The levels of search are as follows:

- Within a geographic level, the search is first within the same specific type and then within the same major type
- Geographic levels expand as necessary in the following order: county, state, division, region, nation

In order to guard against the excessive reuse of donors, a particular donor is limited to being used three times within a single tract and five times within a single county. For more information on selecting donors, see the detailed computer specifications (Castro, 2012d).

11.5 GQ Weighting

The GQ weighting makes no distinction between the sampled and imputed GQ person records. The weighting has three basic steps: assigning an initial weight that reflects the observed combined sampled/imputed rate, an adjustment of those weights to match substate totals from the enhanced frame, and a coverage adjustment at the state level.

Base Weights

The base weights (BW) for GQ persons are defined so that the sum of the base weights is equal to the domain that they represent. That domain differs depending on whether the GQ is small or large. Large GQs are self-representing and thus the sum of the base weights for the persons in that GQ is equal to the actual or adjusted expected population of the GQ. The base weights for all persons in the GQ are defined to be equal and hence, for the i th person in the GQ, BW is defined as follows:

$$\begin{aligned}
 BW_i &= \text{Actual or adjusted expected population, } N_p, \text{ of the GQ} \\
 &\div \\
 &\quad \text{Total number of sampled or imputed GQ person records, } n_p \\
 &= \frac{N_p}{n_p}
 \end{aligned}$$

For the small GQs, the domain that the sum of the base weights is to represent is the total GQ population residing in small GQs for the tract by major type combination. Thus the definition of BW is adjusted to account for the potential random selection of the small GQ with sampled or imputed data from the set of all small GQs in the tract by major type combination:

$$\begin{aligned}
 BW_i &= (\text{Number of small GQs, } N_{GQ}, \text{ on frame for the tract by major type combination} \\
 &\div \\
 &\quad \text{Number of small GQs, } n_{gq}, \text{ with either sampled or imputed GQ person records}) \\
 &\times \\
 &\quad (\text{Actual or adjusted expected population, } N_p, \text{ of the GQ} \\
 &\div \\
 &\quad \text{Total number of sampled or imputed GQ person records, } n_p) \\
 &= \frac{N_{GQ}}{n_{gq}} \times \frac{N_p}{n_p}
 \end{aligned}$$

Note that, as defined, the base weights also account for nonresponse within the GQ and within the tract (for small GQs).

Tract-level Constraint

The next steps are a series of constraints to ensure that the weighted totals of the sample and imputed records match the frame totals of adjusted population. One reason why the sum of the initial weights may not match the frame totals is the fact that the base weights of the small GQs reflect the equal probability selection of the small GQs within a tract (for the imputed GQs). While in expectation, the sum of the base weights may match the frame totals at the tract level, there may be a small deviance between the two because the first factor in the base weight calculation does not account for the population totals of the small GQs.

The tract-level constraint is thus defined as follows:

$$\begin{aligned}
 TRCON_{tg} &= \text{Sum of adjusted GQ population, } ADJEXP_{OP}, \text{ for all GQs on the enhanced frame within the} \\
 &\quad \text{tract } t \text{ and major type } g \\
 &\quad \div \\
 &\quad \text{Sum of base weights for all GQ person records sampled or imputed in tract } t \text{ and major} \\
 &\quad \text{type } g \\
 &= \frac{\sum_{GQ\ j \in \text{Tract } t, \text{ Major Type } g} ADJEXP_{OPj}}{\sum_{\text{Person } i \in \text{Tract } t, \text{ Major Type } g} BW_i}
 \end{aligned}$$

The weight after the tract-level constraint, $WTRCON$, is achieved by multiplying the constraint factor by the base weight:

$$WTRCON_i = BW_i \times TRCON_{t(i)g(i)}$$

County-level Constraint

A second source of deviance between the weighted totals and the frame counts are ungeocoded GQs on the frame. These GQs do not have the census block codes required for tabulation but do have a county code assigned to them. For this reason, ungeocoded GQs are ineligible for imputation (they are still eligible for sampling, however, where they can be geocoded during data collection). To maintain consistency with the frame, the population total of all ungeocoded GQs on the frame are distributed to the geocoded GQs within county and major type via the county-level constraint. Note that in 2011, the issue of ungeocoded records is relatively small because of the robustness of the sampling frame that is based on the 2010 Census. In future years, new updates to the frame that cannot be geocoded through automated means may make this constraint more important.

The county-level constraint is defined as follows:

$$\begin{aligned}
 CTYCON_{cg} &= \text{Sum of adjusted GQ population for all GQs on the enhanced frame within the county } c \\
 &\quad \text{and major type } g \\
 &\div \\
 &\quad \text{Sum of the weight after the tract-level constraint for all GQ person records sampled or} \\
 &\quad \text{imputed in county } c \text{ and major type } g \\
 &= \frac{\sum_{\text{GQ } j \in \text{County } c, \text{ Major Type } g} ADJEXP_j}{\sum_{\text{Person } i \in \text{County } c, \text{ Major Type } g} WTRCON_i}
 \end{aligned}$$

The weight after the county-level constraint, $WCTYCON$, is achieved by multiplying the constraint factor by the weight after the tract-level constraint:

$$WCTYCON_i = WTRCON_i \times CTYCON_{c(i)g(i)}$$

State-level Constraint

The last constraint is designed to be a safety net in case there exists an ungeocoded GQ in a county where there are no geocoded GQs of the same major type. In that case, the population of that GQ is spread over all GQs of the same major type within the state. In practice, this is a relatively rare situation and the constraint is very close to one.

The state-level constraint is defined as follows:

$$\begin{aligned}
 STCON_t &= \text{Sum of adjusted GQ population for all GQs on the enhanced frame within the state } s \text{ and} \\
 &\quad \text{major type } g \\
 &\div \\
 &\quad \text{Sum of weight after the county-level constraint for all GQ person records sampled or} \\
 &\quad \text{imputed in state } s \text{ and major type } g \\
 &= \frac{\sum_{\text{GQ } j \in \text{State } s, \text{ Major Type } g} ADJEXP_j}{\sum_{\text{Person } i \in \text{State } s, \text{ Major Type } g} WCTYCON_i}
 \end{aligned}$$

The weight after the state-level constraint, $WSTCON$, is achieved by multiplying the constraint factor by the weight after the county-level constraint:

$$WSTCON_i = WCTYCON_i \times STCON_{s(i)g(i)}$$

GQ Post-stratification Adjustment to Controls

The final step in the GQ person weighting process is to apply the GQ Person Post-Stratification Factor ($GQPPSF$). The post-stratification cells are defined within state by GQ major type. This is consistent with the nature of the PEP GQ population estimates that are updated and maintained by major type. Using state as the level of geography for the post-stratification allows the GQ distribution on the frame to drive the substate distribution of the estimates.

All sample interviewed and imputed persons are placed in their appropriate cells. The $GQPPSF$ for each cell is then calculated:

$$\begin{aligned}
 GQPPSF_{sg} &= \text{PEP GQ population estimate for state } s \text{ and major type } g \\
 &\div \\
 &\quad \text{Sum of weight after the state-level constraint for GQ person records that are either} \\
 &\quad \text{interviewed sample or imputed in state } s \text{ and major type } g \\
 &= \frac{GQPOP_{sg}}{\sum_{\text{Person } j \in \text{State } s, \text{ Major Type } g} WSTCON_j}
 \end{aligned}$$

where

$$GQPOP_{sg} = \text{PEP GQ population estimate for state } s \text{ and major type } g.$$

The weight after post-stratification, $WGQPPSF$, is achieved by multiplying the post-stratification factor by the weight after the GQ state constraint adjustment:

$$WGQPPSF_i = WSTCON_i \times GQPPSF_{s(i)g(i)}$$

These weights are then rounded to form the final GQ person weights. For more information on creating the GQ person weights, see the detailed computer specifications (Castro, 2012a).

11.6 Construct GQ Post-imputation Microdata

The final person-level microdata are assembled by concatenating the sample interview microdata with the imputed records. The microdata for each imputed record is created by joining the geographic information of the GQ selected for imputation with the edited response information from the donor. For geographically-tied characteristics, some adjustments are necessary in order to preserve certain data relationships. For example, if the donor listed the same county for their residence one year ago as their current county of residence, the microdata for the imputed record is adjusted so that the same relationship is true for the done record as was true for the donor record. Similar procedures are performed to preserve analogous relationships for place of work and journey to work. These steps help maintain the integrity of these characteristics for the imputed person records so that the estimates formed from the sampled and imputed records are not adversely impacted. For more information on creating the post-imputation microdata, see the detailed computer specifications (Castro, 2012c).

11.7 ACS Housing Unit Weighting—Overview

The single-year weighting is implemented in three stages. In the first stage, weights are computed to account for differential selection probabilities based on the sampling rates used to select the HU sample. In the second stage, weights of responding HUs are adjusted to account for nonresponding HUs. In the third stage, weights are controlled so that the weighted estimates of HUs and persons by age, sex, race, and Hispanic origin conform to estimates from the PEP of the Census Bureau at a specific point in time. The estimation methodology is implemented by “weighting area,” either a county or a group of less populous counties. Note that this section reflects the methodology as implemented for the 2011 data prior to the introduction of the internet mode of data collection. It is expected that very little change will occur in the HU

weighting with the addition of the internet mode and that all self-response modes, i.e., mail and internet, will be treated equally in the weighting.

11.8 ACS Housing Unit Weighting—Probability of Selection

The first stage of weighting involves two steps. In the first step, each HU is assigned a basic sampling weight that accounts for the sampling probabilities in both the first and second phases of sample selection. Chapter 4 provides more details on the sampling. In the second step, these sampling weights are adjusted to reduce variability in the monthly weighted totals.

Sampling Weight

The first step is to compute the basic sampling weight for the HU based on the inverse of the probability of selection. This sampling weight is computed as a multiplication of the base weight (BW) and a Computer Assisted Personal Interview (CAPI) subsampling factor (SSF). The BW for an HU is calculated as the inverse of the final overall first-phase sampling rate which, for 2011, ranges from approximately 0.6 percent to 15 percent. HUs sent to CAPI are eligible to be subsampled (second-phase sampling) at rates generally ranging from 1-in-3 to 2-in-3 except for areas in remote Alaska and select American Indian areas which have a 100 percent CAPI sampling rate (see Chapter 4 for further details). Those selected for the CAPI subsample, and for which no late mail return is received in the CAPI month, are assigned a CAPI SSF equal to the inverse of their (second-phase) subsampling rate. Those not selected for the CAPI subsample receive a factor of 0.0. HUs for which a completed mail return is received, regardless if it was eligible for CAPI, or a CATI interview is completed receive a CAPI SSF of 1.0. The CAPI SSF is then used to calculate a new weight for every HU, the weight after CAPI subsampling factor ($WSSF$). It is equal to the BW times the SSF . After each of the subsequent weighting steps, with one exception that will be noted, a new weight is calculated as the product of the new factor and the weight following the previous step. Table 11-2 summarizes the computation of the $WSSF$ by weighting step and the sample disposition of HUs. Additional information can be found in the detailed computer specifications for the HU weighting (Albright, 2012).

Table 11-2: Computation of the Weight after CAPI Subsampling Factor ($WSSF$)

Weighting step	Sample Disposition				
	Mail respondent	CATI respondent	CAPI sampled units	CAPI non-sampled units	CAPI eligible, but then becomes a mail respondent
Base Weight (BW)	$1 \div (\text{overall sampling rate})$	$1 \div (\text{overall sampling rate})$	$1 \div (\text{overall sampling rate})$	$1 \div (\text{overall sampling rate})$	$1 \div (\text{overall sampling rate})$
CAPI subsampling Factor (SSF)	1	1	$1 \div (\text{CAPI sub-sampling rate})$	0	1
Weight after subsampling factor ($WSSF = BW \times SSF$)	$1 \div (\text{overall sampling rate})$	$1 \div (\text{overall sampling rate})$	$1 \div (\text{overall sampling rate}) \times 1 \div (\text{CAPI sub-sampling rate})$	0	$1 \div (\text{overall sampling rate})$

Variation in the Monthly Sample Factor

The goal of ACS estimation is to represent the characteristics of a geographic area across the specified period. For single-year estimates, this period is 12 months, and for 3- and 5-year estimates, it is 36 and 60 months, respectively. The annual sample is allocated into 12 monthly samples. The monthly sample becomes a basis for the operations of the ACS data collection, preparation, and processing, including weighting and estimation.

The data for HUs assigned to any sample month can be collected at any time during a 3-month period. For example, the households in the January sample month can have their data collected in January, February, or March. Each HU in a sample belongs to a tabulation month (the month the interview is completed). This is either the month the processing center checked in the completed mail questionnaire or the month the interview is completed by CATI or CAPI.

Because of seasonal variations in response patterns, the number of HUs in tabulation months may vary, thereby over-representing some months and under-representing other months in the single- and multiyear estimates. For this reason, an even distribution of HU weights by month is desirable. To smooth out the total weight for all sample months, a variation in monthly response factor (*VMS*) is calculated for each month as:

$$\begin{aligned}
 VMS_i &= \text{Total base weights of all HUs in that sample month} \\
 &\div \\
 &\quad \text{Total weight after CAPI subsampling adjustment factor of all HUs interviewed in that sample month} \\
 &= \frac{\sum_{j \in \text{Month}_i} BW_{ij}}{\sum_{j \in \text{Month}_i} WSSF_{ij}}
 \end{aligned}$$

where

BW_{ij} = base weight for j th sampled HU within the i th month,

$WSSF_{ij}$ = weight after the CAPI subsampling factor for j th interviewed HU within the i th month.

This adjustment factor is computed within each of the 2,005 ACS single-year weighting areas (either a county or a group of less populous counties). The index for weighting area is suppressed in this and all other formulas for weighting adjustment factors.

Table 11-3 illustrates the computation of the *VMS* adjustment factor within a particular county. In this example, the total *BW* for each month is 100 (as shown on line 1 of this table). The total *WSSF* weight across modes within each month varies from 90 to 115 (as shown on line 5). The *VMS* factors are then computed by month as the ratio of the total *BW* to the total *WSSF* (as shown in line 6).

Table 11-3: Example of Computation of *VMS*

	Month				
	March	April	May	June	July
Line 1: Total base weight (<i>BW</i>) across released samples	100	100	100	100	100
Total weight after CAPI subsampling (<i>WSSF</i>) by mode:					
Line 2: (a) Mail	55 (Mar sample)	45 (Apr sample)	40 (May sample)	45 (Jun sample)	50 (Jul sample)
Line 3: (b) CATI	30 (Feb sample)	25 (Mar sample)	30 (Apr sample)	30 (May sample)	25 (Jun sample)
Line 4: (c) CAPI	30 (Jan sample)	25 (Feb sample)	20 (Mar sample)	25 (Apr sample)	30 (May Sample)
Line 5: Total weight <i>WSSF</i> across modes (a+b+c)	115	95	90	100	105
Line 6: <i>VMS</i> Adjustment Factor	$100 \div 115$	$100 \div 95$	$100 \div 90$	$100 \div 100$	$100 \div 105$

The weight after the variation of monthly response adjustment (*WVMS*) is the product of the weight after CAPI subsampling factor (*WSSF*) and the variation of monthly response factor (*VMS*). When the *VMS* factor is applied, the total weight across all HUs tabulated in a sample month will be equal to the total base weight of all HUs selected in that month's sample. The result is that each month contributes approximately 1/12 to the total single-year estimates. In other words, the single-year estimates of ACS characteristics are a 12-month average without over- or under-representing any single month due to variation in monthly response. Analogously, each month contributes approximately 1/36 and 1/60 to the 3- and 5-year estimates, respectively.

11.9 ACS Housing Unit Weighting—Noninterview Adjustment

The noninterview adjustment uses three factors to account for sample HUs for which an interview is not completed. During data collection, nothing new is learned about the HU or person characteristics of noninterviewed HUs, so only characteristics known at the time of sampling can be used in adjusting for them. In other surveys and censuses, characteristics that have been shown to be related to HU response include census tract, building type (single- versus multi-unit structure), and month of data collection (Weidman, Alexander, Diffendal, & Love, 1995). Within counties, if a sufficient number of sample HUs were available to fill the cells of a three-way cross-classification table formed by these variables, then simultaneous adjustments for these three factors could be made. There are more than 65,000 tracts, however, so there would not be enough sample for even the two-way cross-classification of tract by month of data collection. As a result, the noninterview adjustment is carried out in two steps—one based on building type and census tract, and one based on building type and tabulation month. Once these steps are completed and the factors are applied, the sum of the weights of the interviewed HUs will equal the sum of the *VMS* weights of the interviewed plus noninterviewed HUs.

Note that vacant units and ineligible units such as deletes are excluded from the noninterview adjustment.¹ The weight corresponding to these HUs remains unchanged during this stage of the weighting process since it is assumed that all vacant units and deletes are properly identified in the field and therefore are not eligible for the noninterview adjustment. The weighting adjustment is carried out only for the occupied, temporarily occupied (those HUs which are occupied but whose occupants do not meet the ACS residency criteria), and noninterviewed HUs. After completion of the adjustment to the weights of the interviewed HUs, the noninterviewed HUs can be dropped from subsequent weighting steps; their assigned weights will be equal to 0.

The noninterview adjustment steps are applied to all HUs interviewed by any mode—mail, CATI, or CAPI. However, nearly all noninterviewed HUs belong to the CAPI sample, so characteristics of CAPI nonrespondents may be closer to those of CAPI respondents than to mail and CATI respondents. To account for this possible mode-related noninterview bias, a mode noninterview adjustment factor is computed after the two previously mentioned noninterview adjustment steps.

Calculation of the First Noninterview Adjustment Factor

In this step, all HUs are placed into adjustment cells based on the cross-classification of building type (single- versus multi-unit structures) and census tract. If a cell contains fewer than 10 interviewed HUs, it is collapsed with an adjoining tract until the collapsed cell meets the minimum size of 10.² Cells with no noninterviews are not collapsed, regardless of size, unless they are forced to collapse with a neighboring cell that fails the size criterion. The first noninterview adjustment factor (*NIFI*) for each eligible cell is:

$$\begin{aligned}
 NIFI_i &= \text{Total HU weight after variation in monthly response adjustment factor of interviewed} \\
 &\quad \text{occupied and temporarily occupied HUs and noninterviewed HUs} \\
 &\quad \div \\
 &\quad \text{Total HU weight after variation in monthly response adjustment factor of interviewed} \\
 &\quad \text{occupied and temporarily occupied HUs} \\
 &= \frac{\sum_{j \in \text{Interviews}_i} WVM S_{ij} + \sum_{j \in \text{Noninterviews}_i} WVM S_{ij}}{\sum_{j \in \text{Interviews}_i} WVM S_{ij}}
 \end{aligned}$$

where

¹ Deletes or out-of-scope addresses fall into three categories: (1) addresses of living quarters that have been demolished, condemned, or are uninhabitable because they are open to the elements; (2) addresses that do not exist; and (3) addresses that identify commercial establishments, units being used permanently for storage, or living arrangements known as group quarters.

² Data are sorted by the weighting area, building type, and tract. Within a building type, a tract that has 10 or more responses is put in its own tract. A tract that has no nonresponses and some responses (even though the total is fewer than 10) is put in its own tract. A tract that has nonresponses and fewer than 10 responses is collapsed with the next tract. If the final tract needs to be collapsed, it is collapsed with the previous tract.

$WVMS_{ij}$ = Adjusted HU weight after the variation in monthly response adjustment for the j th HU within the i th adjustment cell

All occupied and temporarily occupied interviewed HUs are adjusted by this first noninterview factor. Vacant and deleted HUs are assigned a factor of 1.0, and noninterviews are assigned a factor of 0.0. The computation of the weight after the first noninterview adjustment factor is summarized in Table below.

Table 11-4: Computation of the Weight after the first Noninterview Adjustment ($WNIF1$)

Interview status	$WNIF1_{ij}$
Occupied or temporarily occupied HU	$WVMS_{ij} \times NIF1_i$
Vacant or deleted HU	$WVMS_{ij}$
Noninterviewed HU	0

where

$WNIF1_{ij}$ = Adjusted HU weight after the first noninterview adjustment factor for the j th HU within the i th adjustment cell

Calculation of the Second Noninterview Adjustment Factor

The next step is the second noninterview adjustment. In this step, all HUs are placed into adjustment cells based on the cross-classification of building type and tabulation month. If a cell contains fewer than 10 interviewed HUs, it is collapsed with an adjoining tabulation month until the collapsed cell has at least 10 interviewed HUs.³ Cells with no noninterviews are not collapsed, regardless of size, unless they are forced to collapse with a neighboring cell that fails the size criterion. The second noninterview factor ($NIF2$) for each eligible cell is:

$NIF2_i$ = Total HU weight after variation in monthly response factor of interviewed occupied and temporarily occupied HUs and noninterviewed HUs
 \div
 Total HU weight after first noninterview factor of interviewed occupied and temporarily occupied HUs

$$= \frac{\sum_{j \in \text{Interviews}_i} WVMS_{ij} + \sum_{j \in \text{Noninterviews}_i} WVMS_{ij}}{\sum_{j \in \text{Interviews}_i} WNIF1_{ij}}$$

³ Data are sorted by the weighting area, building type, and tabulation month. Within a building type, a tabulation month that has 10 or more responses is put in its own month. A tabulation month that has no nonresponses and some responses (even though the total is fewer than 10) is put in its own month. A tabulation month that has nonresponses and fewer than 10 responses is collapsed with the next month. If the final tabulation month needs to be collapsed, it is collapsed with the previous month.

NIF1 weights for all occupied and temporarily occupied interviewed HUs are adjusted by this second noninterview factor. Vacant and deleted HUs are given a factor of 1.0, and noninterviews are assigned a factor of 0.0. The computation of the weight after the second noninterview adjustment factor is summarized in Table 11-5.

Table 11-5: Computation of the Weight after the Second Noninterview Adjustment Factor (*WNIF2*)

Interview status	$WNIF2_{ij}$
Occupied or temporarily occupied HU	$WNIF1_{ij} \times NIF2_i$
Vacant or deleted HU	$WNIF1_{ij}$
Noninterviewed HU	0

where

$WNIF2_{ij}$ = Adjusted HU weight after the second noninterview adjustment factor for the j th HU within the i th adjustment cell.

Calculation of the Mode Noninterview Factor and Mode Bias Factor

One element not accounted for by the two noninterview factors above is the systematic differences that exist between characteristics of households that return Census mail forms and those that do not (Weidman et al., 1995). The same element has been observed in the ACS across response modes. Virtually all noninterviews occur among the CAPI sample, and people in these HUs may have characteristics that are more similar to CAPI respondents than to mail and CATI respondents. Since the noninterview factors (*NIF1* and *NIF2*) are applied to all HUs interviewed by any mode, compensation may be needed for possible mode-related noninterview bias. The mode bias factor ensures that the total weights in the cells defined by a cross-classification of selected characteristics are the same as if the weight of noninterview HUs had been assigned only to CAPI HUs, but the factor distributes the weight across all respondents (within the cells) to reduce the effect on the variance of the resulting estimates.

The first step in the calculation of the mode bias noninterview factor (*MBF*) is to calculate an intermediate factor, referred to as the mode noninterview factor (*NIFM*). *NIFM* is not used directly to compute an adjusted weight; instead, it is used as a factor applied to the *WVMS* weight to allow the calculation of the *MBF*. The cross-classification cells are defined for building type by tabulation month. Only HUs interviewed by CAPI and noninterviews are placed in the cells. If a cell contains fewer than 10 interviewed HUs, it is collapsed with an adjoining month. Cells with no noninterviews are never collapsed unless they are forced to collapse with a neighboring cell that fails the size criterion. The mode noninterview factor (*NIFM*) for a cell is:

$$\begin{aligned}
 NIFM_i &= \text{Total HU weight after variation in monthly response adjustment factor of CAPI interviewed} \\
 &\quad \text{occupied and temporarily occupied HUs, and noninterviewed HUs} \\
 &\div \\
 &\quad \text{Total HU weight after variation in monthly response adjustment factor of CAPI interviewed} \\
 &\quad \text{occupied and temporarily occupied HUs} \\
 &= \frac{\sum_{j \in \text{CAPI Interviews}_i} WVMS_{ij} + \sum_{j \in \text{Noninterviews}_i} WVMS_{ij}}{\sum_{j \in \text{CAPI Interviews}_i} WVMS_{ij}}
 \end{aligned}$$

This mode noninterview factor is assigned to all CAPI-interviewed occupied and temporarily occupied HUs. HUs for which interviews are completed by mail or CATI, vacant HUs, and deleted HUs are given a factor of 1.0. Noninterviews are given a factor of 0.0. The *NIFM* factor is used in the next step only. Note that the *NIFM* adjustment is applied to the *WVMS* weight rather than the HU weight after the first and second noninterview adjustments (*WNIF1* and *WNIF2*). The computation of the weight after the mode noninterview adjustment factor is summarized in Table 11-6 below.

Table 11-6: Computation of the Weight After the Mode Noninterview Adjustment Factor (*WNIFM*)

Interview Status	$WNIFM_i$
Occupied or temporarily occupied HU interviewed via CAPI	$WVMS_{ij} \times NIFM_i$
Occupied or temporarily occupied HU interviewed via mail or CATI	$WVMS_{ij}$
Vacant or deleted HU	$WVMS_{ij}$
Noninterviewed HU	0

where

$WNIFM_i$ = Adjusted HU weight after the mode noninterview adjustment factor for the *j*th HU within the *i*th adjustment cell.

Next, a cross-classification table is defined for tenure (three categories: HU owned, rented, or temporarily occupied), tabulation month (twelve categories), and marital status of the householder (three categories: married/widowed, single, or the unit is temporarily occupied and thus the marital status is unknown). All occupied and temporarily occupied interviewed HUs are placed in their cells. If a cell has fewer than 10 interviewed HUs, the cells with the same tenure and month are collapsed across all marital statuses. If there are still fewer than 10 interviewed HUs, the cells with the same tenure are collapsed across all months. The mode bias factor (*MBF*) for each cell is then calculated as:

$$\begin{aligned}
 MBF_i &= \text{Total weight after mode noninterview adjustment factor of interviewed occupied and} \\
 &\quad \text{temporarily occupied HUs} \\
 &\div \\
 &\quad \text{Total weight after second noninterview adjustment factor of interviewed occupied and} \\
 &\quad \text{temporarily occupied HU} \\
 &= \frac{\sum_{j \in \text{Resp}_i} WNIFM_{ij}}{\sum_{j \in \text{Resp}_i} WNIF2_{ij}}
 \end{aligned}$$

All interviewed occupied and temporarily occupied HUs are adjusted by this mode bias factor, and the remaining HUs receive the factor 1.0. These adjustments are applied to the WNIF2 weights. The computation of the weight after the mode bias factor is summarized in Table 11-7 below.

Table 11-7: Computation of the Weight after the Mode Bias Adjustment Factor (*WMBF*)

Interview Status	$WMBF_{ij}$
Occupied or temporarily occupied HU	$WNIF2_{ij} \times MBF_i$
Vacant, deleted, or noninterviewed HU	$WNIF2_{ij}$

where

$WMBF_{ij}$ = Adjusted HU weight after the mode bias adjustment factor for the j th HU within the i th adjustment cell.

11.10 ACS Housing Unit Weighting—Housing Unit and Population Controls

This stage of weighting forces the ACS total HU and person weights to conform to estimates from the Census Bureau PEP. The PEP of the Census Bureau annually produces estimates of population by sex, age, race, and Hispanic origin, and total HUs for each county in the United States as of July 1. They also produce annually updated estimates of total population for incorporated places and minor civil divisions (MCDs) as of July 1. The ACS estimates are based on a probability sample, and will vary from their true population values due to sampling and nonsampling error (see Chapters 12 and 14). In addition, it can be seen from the formulas for the adjustment factors in the previous two sections that the ACS estimates also will vary based on the combination of interviewed and noninterviewed HUs in each tabulation month. As part of the process of calculating person weights for the ACS, estimates of totals by sex, age, race, and Hispanic origin are controlled to be equal to population estimates by weighting area. There are two reasons for this: (1) to reduce the variability of the ACS HU and person estimates, and (2) to reduce bias due to undercoverage of HUs and the people within them in household surveys. The bias that results from missing these HUs and people is partially corrected by using these controls (Alexander, Dahl, & Weidman, 1997).

The assignment of final weights involves the calculation of three factors based on the HU and population controls. The first adjustment involves the independent HU estimates. A second and

separate adjustment relies on the independent population estimates. The final adjustment is implemented to achieve consistency between the ACS estimates of occupied HUs and householders.

Models for PEP Estimates of HUs and Population

The Census Bureau produces estimates of total HUs for states and counties as of July 1 on an annual basis. The estimates are computed based on a model:

$$HU1X = HU10 + (NC1X + NM1X) - HL1X$$

where the suffix “X” indicates the year of the housing unit estimates, and

HU1X = Estimated 201X HUs

HU10 = Geographically updated 2010 Census HUs

NC1X = Estimated residential construction, April 1, 2010 to July 1, 201X

NM1X = Estimated new residential mobile home placements, April 1, 2010 to July 1, 201X

HL1X = Estimated residential housing loss, April 1, 2010 to July 1, 201X.

More detailed background on the current methodology used for the HU estimates can be found on the Census Bureau’s website (U.S. Census Bureau, 2010a).

The Census Bureau also produces population estimates as of July 1 on an annual basis. Those estimates are computed based on the following simplified model:

$$P1 = P0 + B - D + NDM + NIM + NMM,$$

where

P1 = population at the end of the period (current estimate year)

P0 = population at the beginning of the period (previous estimate year)

B = births during the period

D = deaths during the period

NDM = net domestic migration during the period

NIM = net international migration during the period

NMM = net military movement during the period

In practice, the model is considerably more complex to leverage the best information available from multiple sources. More detailed background on the current methodology used for the HU estimates can be found on the Census Bureau’s website (U.S. Census Bureau, 2010b).

Production of the population estimates for Puerto Rico is limited to population totals by *municipio*, and by sex-age distribution at the island level. For this reason, estimates of totals by *municipio*, sex, and age for the PRCS are controlled so as to be equal to the population estimates. Currently, there are no HU controls available for Puerto Rico.

Creation of the Subcounty Control Areas

The subcounty control areas are formed to give both MCDs and incorporated places the benefit of using subcounty controls. In order to achieve this balance, the basic units for forming the subcounty areas are the county/MCD/place intersections or parts where the “balance of county” is also considered as another fundamental subcounty area. Note that outside of the strong and weak MCD states (U.S. Census Bureau, 2010c) for which the PEP produce total population estimates this defaults to simply the county/place parts. These subcounty areas are then combined until all subcounty areas within a county have a total population of 24,000 or greater. If it is not possible to partition a county into two or more subcounty areas of this size then the subcounty area is simply coexistent with the county.

Calculation of Housing Unit Post-Stratification Factor

Note that both HU and population estimates used as controls have a reference date of July 1 which means that the 12-month average of ACS characteristics is controlled to the population with the reference date of July 1. If person weights are controlled to the population estimates as of that date, it is logical that HUs also are controlled to those estimates to achieve a consistent relationship between the two totals.

The housing unit post-stratification factor (*HPF*) is employed to adjust the estimated number of ACS HUs by subcounty area within a weighting area to agree with the PEP estimates. For the *i*th subcounty area within a weighting area, this factor is:

$$\begin{aligned}
 HPF_i &= \text{PEP HU estimate} \\
 &\div \\
 &\quad \text{Total HU weight after the mode bias factor of interviewed occupied, interviewed} \\
 &\quad \text{temporarily occupied and vacant HUs} \\
 &= \frac{HU_i}{\sum_{j \in \text{Occupied and Vacant}_i} WMBF_{ij}}
 \end{aligned}$$

where

$$HU_i = \text{PEP housing unit estimate for the } i\text{th subcounty area}$$

Note that if the PEP HU subcounty estimates are summed across all subcounty areas within a county, the total is consistent with the PEP county-level HU estimates. The denominator of the *HPF* formula aggregates the adjusted HU weight after the mode bias factor adjustment (*WMBF*) across 12 months for the interviewed occupied, interviewed temporarily occupied and vacant HUs. All HUs then are adjusted by this HU post-stratification factor. Therefore, $WHPF = WMBF \times HPF$, where *WHPF* is the adjusted HU weight after the HU post-stratification factor adjustment.

Calculation of Person Weights

The next step in the weighting process is to assign weights to persons via a three-dimensional raking-ratio estimation procedure. This is done so that (1) the estimate of total population for the subcounty areas conform to the population estimates; (2) the combined estimates of spouses and unmarried partners conform to the combined estimate of married-couple and unmarried-partner households and the estimate of householders conforms to the estimate of occupied HUs; and (3) the estimates for certain demographic groups are equal to their population estimates.

The population estimates used for the household person weighting are derived from the PEP estimates of total resident population by subtracting from the PEP total the corresponding ACS GQ estimate for that same population. For example, the control total used for county household population is derived by subtracting the ACS GQ estimate of total GQ population from the PEP estimate of total resident population. By doing so, the ACS estimate of total resident population (formed by summing the household and GQ population) conforms to the PEP estimate for the same population. This procedure is also used to derive the controls for subcounty areas and demographics as well.

Each person in an interviewed occupied HU is assigned an initial person weight equal to the HU weight after the HU post-stratification factor is applied (*WHPF*). Next there are three steps of ratio adjustment. The first step uses one cell per subcounty control area defined within the weighting area. The second step uses four cells to classify persons by spousal relationship, householder and non-householder. The third step uses up to 156 cells defined by race/Hispanic origin, sex, and age. The steps are defined as follows:

Step 1: Subcounty Population Controls. All persons are assigned to one subcounty area within the weighting area. The marginal totals (i.e., the single-dimension control totals for a raking matrix) are simply equal to the derived household population control totals for the subcounty area as described above.

Step 2: Spouse / Unmarried Partner and Householders. All persons are placed into one of four cells:

1. Persons who are the primary person in a two-partner relationship—all householders in a married-couple or unmarried-partner household,
2. Persons who are the secondary person in a two-partner relationship—all spouses or unmarried partners in those same households, or
3. Persons who are a householder but do not fit into the first cell, or
4. Balance of population—all persons not fitting into the first three cells.

The marginals for the first two columns of cells are both equal to the estimate of married-couple plus unmarried-partner households using the *WHPF* weight. The marginal for the third column is the estimate of occupied HUs using the *WHPF* weight minus the marginal for the first column. In this manner, the estimate of households, equal to first column plus the third column of cells, is controlled to the estimate of occupied HUs. The marginal for the fourth column is equal to the

derived household population estimate minus the sum of the marginals used for the other three columns of cells. In this manner, the estimate of total household population is controlled to the derived population estimates.

Step 3: Race-Hispanic Origin/Sex/Age. The third step assigns all persons to one of up to 156 cells: six classifications of race-Hispanic origin by sex by 13 age groups. The marginals for these rows at the weighting area level come from the PEP population estimates. Some weighting areas will not have sufficient sample to support all 156 cells and in these cases some collapsing is necessary. This collapsing is done prior to the raking and remains fixed for all iterations of the raking.

Race and Hispanic origin are combined to define six unique race-ethnicity groups consistent with those used in weighting the Census 2000 long form. These groups are created by crossing “Non-Hispanic” with the five major single race groups, plus the group of all Hispanics regardless of race. The race-ethnicity groups are:

1. Non-Hispanic White
2. Non-Hispanic Black
3. Non-Hispanic American Indian and Alaskan Native (AIAN)
4. Non-Hispanic Asian
5. Non-Hispanic Native Hawaiian or Pacific Islander (NHPI)
6. Hispanic

The assignment of a single major race to a person can be complicated, because people can identify themselves as being of multiple races. People responding either with multiple races or “Other Race” are included in one of the six race-ethnicity groups for estimation purposes only. Subsequent ACS tabulations are based on the full set of responses to the race question.

Initial estimates of population totals are obtained from the ACS sample for each of the weighting area/race-ethnicity groups. These estimates are calculated based on the initial person weight of *WHPF*. Estimates from the Census Bureau’s PEP also are summarized into estimates for each weighting area/race-ethnicity group. These total population estimates are used to control ACS total population estimates to be equal to the PEP by weighting area.

The initial sample and population estimates for each weighting race-ethnicity group are tested against a set of criteria that require a minimum of 10 sample people and a ratio of the population control to the initial sample estimate that is between 1/3.5 and 3.5. This is done to reduce the effect of large weights on the variance of the estimates. If there are weighting race-ethnicity groups that do not satisfy these requirements, they are collapsed until all groups satisfy the collapsing criteria. Collapsing decisions are made following a specified order in the following way.

1. If the requirements are not met when all non-Hispanic race groups are combined then all weighting race-ethnicity groups are collapsed together and the collapsing is complete.
2. If the requirements are not met for Hispanics, the Hispanics are collapsed with the largest non-Hispanic non-White group.
3. If the requirements are not met for any non-Hispanic non-White group, it is collapsed with the largest (prior to collapsing) non-Hispanic non-White group.
4. If the largest collapsed non-Hispanic non-White group still does not meet the requirements, it is collapsed with the surviving non-Hispanic non-White groups in the following order until the requirements are met: Black, American Indian and Alaskan Native, Asian, and Native Hawaiian or Pacific Islander.
5. If all non-Hispanic non-White groups have been collapsed together the collapsed group still does not meet the requirements, it is collapsed with the non-Hispanic White group.
6. If the requirements are not met for the non-Hispanic White group, then it is collapsed with the largest non-Hispanic non-White group.

Within each collapsed weighting race-ethnicity group, the persons are placed in sex-age cells formed by crossing sex by the following 13 age categories: 0–4, 5–14, 15–17, 18–19, 20–24, 25–29, 30–34, 35–44, 45–49, 50–54, 55–64, 65–74, and 75+ years. If necessary, these cells also are collapsed to meet the requirements of the same sample size and a ratio between (1/3.5) and 3.5. The goals of the collapsing scheme are to keep children age 0–17 together whenever possible by first collapsing across sex within the first three age categories. In addition, the collapsing rules keep men age 18–54, women age 18–54, and seniors 55+ in separate groups by collapsing across age.

The initial sample cell estimates are then scaled and rescaled via iterative proportional fitting, or raking, so that the sum in each row or column consecutively agrees with the row or column household estimate (Steps 1 & 2) or population estimate (Step 3). This procedure is iterated a fixed number of times, and final person weights are assigned by applying an adjustment factor to the initial weights.

The scaling and rescaling between rows and columns is referred to as an iteration of raking. An iteration of raking consists of the following three steps. (The weighting matrix is included to facilitate the discussion below.) The three-step process has been split out into two tables, Table 11-8 and Table 11-9, for clarity.

Table 11-8: Steps 1 and 2 of the Weighting Matrix

		Step 2				Step 1 Control
		Householder in two-partner relationship	Spouse / unmarried partner in two-partner relationship	Householder not in two-partner relationship	Balance of population	
Step 1	Subcounty Area #1					Derived household population estimate
	...					
	Subcounty Area #n					
Step 2 Control		Survey estimate of married-couple and unmarried-partner households	Survey estimate of married-couple and unmarried-partner households	Survey estimate of all other single-headed households	Derived population estimate minus the sum of the other three controls	

Step 1. At this step, the initial person weights are adjusted to make the sum of the weights of all household persons equal to the derived household population controls for the defined subcounty control area.

Step 2. The Step 1 adjusted person weights are adjusted to make both the sum of the weights of householders in married-couple or unmarried-partner households and the sum of the weights of their spouses or unmarried partners equal to the survey estimate of married-couple and unmarried-partner households. In addition, the weights are adjusted so that the sum of the weights of householders not in a two partner relationship equal to the survey estimate of other single-headed households. For both of these constraints, the survey estimate is calculated using the HU weight after the HU post-stratification factor adjustment. Lastly, the weights of all other persons are adjusted to make the sum of all person weights equal to the derived household population estimates.

Step 3. The Step 2 adjusted person weights are adjusted a third time by the ratio of the population estimates of race-Hispanic origin/age/sex groups to the sum of the Step 2 weights for sample people in each of the demographic groups described previously.

The three steps of ratio adjustment are repeated in the order given above until the predefined stopping criterion is met. The stopping criterion is a function of the difference between Step 2 and Step 3 weights. The weights obtained from Step 3 of the final iteration are the final person weights.

A single factor, the person post-stratification factor (*PPSF*), is calculated at the person level, which captures the entire adjustment accomplished by the ratio-raking estimation. It is calculated as follows:

$$PPSF = \text{final person weight} \div \text{initial person weight (WHPF)}$$

The factor is calculated and applied to each person, so that their weights become the product of their initial weights and the factor.

Table 11-9: Steps 2 and 3 of the Weighting Matrix

			Step 2			Step 3 Control
			Householder in two-partner relationship	...	Balance of population	
Step 3	Non-Hispanic White	0-4 Males				Derived household population estimate
		0-4 Females				
		...				
		75+ Females				
	Non-Hispanic Black	...				
	Non-Hispanic AIAN	...				
	Non-Hispanic Asian	...				
	Non-Hispanic NHPI	...				
	Hispanic	...				
Step 2 Control			Survey estimate of married-couple and unmarried-partner households	...	Derived population estimate minus the sum of the other three controls	

Calculation of Final Housing Unit Factors

Prior to the calculation of person weights, each HU has a single weight which is independent of the characteristics of the persons residing in the HU. After the calculation of person weights, a new HU weight is computed by taking into account the characteristics of the householder in the HU. In each interviewed occupied HU, the householder defined as the reference person (one of the persons who rents or owns the HU) is identified. Adjustment of the HU weight to account for the householder characteristics is done by assigning a householder factor (*HHF*) for an HU equal to the person post-stratification factor (*PPSF*) of the householder. Their *PPSFs* give an indication of undercoverage for households whose householders have the same demographic characteristics. The *HHF* adjustment uses this information to adjust for the resultant bias. Vacant HUs are given an *HHF* of 1.0 because they have no householders.

The adjusted HU weight accounting for householder characteristics is computed as a multiplication of the adjusted HU weight after the HU post-stratification factor adjustment (*WHPF*) with the householder factor (*HHF*). Therefore, $WHHF = WHPF \times HHF$, where

WHHF is the adjusted HU weight after the householder factor adjustment. The HU weight after the householder factor adjustment becomes the final HU weight.

The ACS weighting procedure results in two separate sets of weights: one for HUs and one for persons residing within HUs. However, since the housing unit weight is equal to the person weight of the householder, the survey will produce logically consistent estimates of occupied housing units, households, and householders. With this weighting procedure, the survey estimate of total HUs will differ slightly from the PEP total housing unit estimates but is typically within a tenth of a percent at the county level.

11.11 Multiyear Estimation Methodology

The multiyear estimation methodology involves reweighting the data for each sample address in the 3- or 5-year period and is not just a simple average of the one-year estimates. The weighting methodology for the multiyear estimation is very similar to the methodology used for the single-year weighting. Thus, only the differences between the single- and multiyear weighting are described in this section.

Pooling the Data

The data for all sample addresses over the multiyear period are pooled together into one file. The single-year base weights are then adjusted by the reciprocal of the number of years in the period so that each year contributes its proportional share to the multiyear estimates. For example, for the 3-year weighting, the base weights are all divided by three.

The interview month assigned to each address is also recoded so that all the data from the entire period appears as though it came from a one-year period. For example, in the 2007–2009 3-year weighting, all addresses that were originally assigned an interview month of January 2007, 2008 or 2009 are assigned the common interview month of January. Thus, when the weighting is performed, those records will all be treated as though they come from the same month for the *VMS*, *NIF2*, *NIFM*, and *MBF* adjustments. By pooling the records across years in this manner, the non-interview adjustments, in particular, require less collapsing because of the larger sample in each cell. This, in turn, should better preserve the seasonal trends that may be present in the population as captured by the ACS.

Geography

The geography for all sample addresses in the period is updated into the common geography of the final year. This allows the tabulation of the data to be in a consistent, constant geography that is the most recent and likely most relevant to data users. When tabulating estimates for an area, all interviews from the period that are considered to be inside the boundaries of that area in the final year of the period will be included in the estimates regardless if they were considered to be inside the boundaries for that area at the time of interview. As a by-product of this methodology,

the ACS is also able to publish multiyear estimates for newly created places or counties that did not exist when the interviews for the addresses in that place or county were collected.

Derivation of the Multiyear Controls

Since the multiyear estimate is an estimate for the period, the controls are not those of a particular year but rather they are the average of the annual independent population estimates over the period. The Population Estimates Program refreshes their entire time series of estimates going back to the previous census each year using the most current data and methodology. Each of these time series are considered a “vintage”. In order for the ACS to make use of the best available population estimates as controls, the multiyear weighting uses the population estimates of the most recent vintage for all years in the period in order to derive the multiyear controls.

These derived estimates are created for the housing unit, group quarters population, and total population for use as controls in the multiyear weighting. The derived county-level housing unit estimates are the simple average across all years in the period. Since the average is typically not an integer, the result is rounded to the final integerized estimate. Likewise, the derived group quarters population estimates for state by major type group are the simple average across all years in the period. Those averages are then control rounded so that the rounded state average estimate is within 1 of the unrounded estimate. Finally, the derived total population estimates by race, ethnicity, age and sex are averaged across all years in the period and control rounded to form the final derived estimates. This is done prior to the collapsing of the estimates into the 156 cells per weighting area needed for the demographic dimension of the household person weighting as described in the single-year person weighting section.

The weighting areas used for the multiyear estimation are generally smaller than those used for the single-year estimation. They are still formed by complete counties or aggregations of counties and they must meet a threshold of 400 unweighted person interviews at the time of their formation. In addition, for the five-year estimation, the weighting area must have a minimum population of 2,500. For the three-year estimation, this generally results in most published counties being defined as their own weighting area as is the case for the one-year estimation. However, since there is no publication threshold for the five-year data product, there will be counties which are not their own weighting area and therefore greater differences between the ACS and PEP estimates of total population may exist. For the formation of the subcounty control areas, the three-year threshold is 8,000 in total population and the five-year threshold is 2,500.

Model-assisted Estimation

Once the data are pooled and put into the geography of the final year, they are weighted using the single-year weighting methodology through the *MBF* adjustment. It is after this adjustment that the only weighting step specific to the multiyear weighting methodology is implemented, the model-assisted estimation procedure. An earlier research project (Starsinic, 2005) compared the variances of ACS tract-level estimates formed from the 1999–2001 ACS to the variances of the

Census 2000 long-form estimates. The results of that research showed that the variances of the ACS tract-level estimates were higher in relation to the long form than expected based on sample size alone. The primary source of that increased variance was attributed to the lack of ACS subcounty controls at the tract-level or lower as was used for the long form.

Several options were explored on how the ACS might improve our estimates of variance for subcounty estimates. One option considered was to use the ACS sampling frame counts as subcounty controls. Other options explored ways to create subcounty population controls, including tract-level population controls. The final approach that was chosen introduces a model-assisted estimation step into the multiyear weighting that makes use of both the sampling frame counts and administrative records to reduce the level of variance in the subcounty estimates (Fay, Using Administrative Records with Model-Assisted Estimation for the American Community Survey, 2006). An important feature of the model-assisted estimation procedure is that the administrative record data is not used directly to produce ACS estimates. The administrative record data are only used to help reduce the level of variance. The published ACS estimates are still formed from weighted totals of the ACS survey data.

The model-assisted estimation step is calculated at the same geographic areas as the subcounty controls for the ACS 3-year data and is calculated at the tract level for the ACS 5-year data. The entire model-assisted estimation process is summarized in these steps.

1. Create frame counts for geographic areas described above that contain at least 300 housing unit addresses.
2. Link the administrative records to the ACS sampling frame (the Master Address File or MAF) dropping administrative records that cannot be linked.
3. Form unweighted geographic totals of the linked administrative record characteristics.
4. Apply the *WMBF* weights at the housing-unit level to the linked administrative records that fall into the ACS sample. The weighted estimates at this step represent (essentially) unbiased estimates of the unweighted totals in step 3.
5. Using generalized regression estimation, fit a model to calibrate the ACS weights so that the weighted totals from the linked ACS records match the unweighted totals from step 3 and so that the weighted ACS estimate of HUs match the frame totals in step 1. The categories of the variables considered in the regression are collapsed or removed as necessary to fit a good model.
6. Proceed with the remaining steps of the ACS weighting starting with the *HPF* adjustments, including the person weighting using the derived multiyear controls as described in the preceding section.

Frame Counts: The base weights (*BW*), which reflect the sampling probabilities of selection, should sum to the count of records on the sampling frame at the county and, generally, the subcounty level. However, after the noninterview adjustments the weighted subcounty distribution of the interviewed sample cases can deviate from the original frame distribution.

This can impact both the subcounty estimates and the variances on those estimates. The use of
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the frame counts reestablishes the original subcounty distribution of housing unit addresses on the frame in the weighted sample. For the 3-year weighting, these frame counts are calculated at the same county-place-MCD areas as the areas used for the subcounty controls. For the 5-year weighting, these frame counts will be computed for tracts. This control to the frame counts is the simplest model and is used if a model with administrative record data cannot be estimated. Otherwise, it is one part of the entire calibration performed in this step.

Link Administrative Records to Frame: The administrative record data used for this step is created from linking two primary files maintained by the Data Integration Division at the Census Bureau. The first file includes person characteristics and has been created from a combination of Social Security and census information. The second file uses administrative records to identify all possible addresses of the persons on the first file. A merged file is then created which contains only the age, sex, race, and Hispanic origin of each person and an identifier that links that person to the best address available in the MAF via a Master Address File ID (MAFID). No other characteristics or publicly identifiable information are present on the file. This file is updated annually to account for new births, death information, and for updated address information.

Administrative Universe Counts: For each MAFID, it is possible to create household demographic totals of people by age/sex and race/ethnicity from the merged administrative records for each address that is matched to the MAF. The age/sex totals are calculated within seven categories:

1. All persons age 0–17
2. All persons age 18–29
3. Males age 30–44
4. Females age 30–44
5. Males age 45–64
6. Females age 45–64
7. All persons age 65 and older

The race/ethnicity totals are calculated within four categories:

1. All Hispanics regardless of race
2. All non-Hispanic blacks
3. All non-Hispanic whites
4. All non-Hispanics other races

These household-level totals can then be used to create unweighted tract-, place- and MCD-level administrative record universe totals using the geography associated with the address.

Weighted Administrative Sample Counts: The administrative records that match to the sampling frame can also be linked to the actual ACS sample records themselves. Using the *WMBF* weights, the records that match to the ACS sample can then be used to create weighted administrative record totals for the same geographic areas. Since the ACS sample weights should

reflect the frame counts, these weighted administrative record totals should be an unbiased estimate of the unweighted universe totals.

Applying GREG Estimation: Using generalized regression estimation (or GREG), the ACS weights are first calibrated so that the weighted administrative record totals match the unweighted universe counts for the seven age/sex categories. Two conditions are checked: is the regression equation solvable and are all of the resulting weights greater than 0.5. If either condition fails then the age/sex categories are collapsed and the regression is attempted again. Two levels of collapsing are attempted:

1. Collapsing across age/sex categories into three categories: all persons age 0–17, all persons age 18–44 and all persons 45 and older.
2. Collapse all categories into a single cell of total administrative persons.

If the condition still fails after the second level of collapsing, then the administrative record data is not used.

If the regression passes using at least the single cell of total administrative persons, then an attempt is made to add the race/ethnicity covariates to the model. First, a collapsing procedure is run that tests which race/ethnicity categories can be used. The criteria for including a race/ethnicity category in the regression is that both the administrative records universe count for the category being tested and the total for all other categories must be greater than 300 persons. This procedure is carried out first for the largest race/ethnicity category not including the non-Hispanic white category, then the next largest such category, and finally the last remaining category other than non-Hispanic white.

As an example, if the largest category other than non-Hispanic white was the Hispanic category, then the first test would be if 1) the Hispanic category had a universe count which was greater than 300 and 2) the other three categories combined had a universe count greater than 300. If it passes, the Hispanic category is flagged for inclusion and the remaining categories are tested. If the next largest category is non-Hispanic black, it is tested to determine if its universe count is greater than 300 and if the balance, now only the non-Hispanic other races and non-Hispanic white, is greater than 300. If it passes, then the procedure moves on to test the smallest category other than non-Hispanic white. In this example, that is the non-Hispanic other race category. If a similar test on that category fails (or on any previous attempt) then the race collapsing is complete and the covariates for each race/ethnicity category that passed are added to the model. The regression is then attempted including both the age/sex and race/ethnicity covariates. The same conditions used in the age/sex category collapsing are applied to the new attempt. If the regression passes both conditions then the covariate matrix is considered final. If the regression fails either condition, then the smallest race/ethnicity category is not included in the model and the regression is attempted again. This process continues until either the regression passes or all race/ethnicity covariates have been removed.

Apply the GREG Weighting Factor: The final result of this step is the creation of the GREG Weighting Factor (*GWTF*) for each ACS record, which captures the calibration performed in the regression. A summary of the impact of the GWTF is given in Table 11-10.

Table 11-10: Impact of GREG Weighting Factor Adjustment

Interview Status	and the ACS record is:	Impact of <i>GWTF</i>
Non-Interview or	Not Applicable	No impact (factor set to 1)
CAPI Non-Sampled Interview (occupied or vacant) or Field determined ineligible housing unit	In an out-of-scope place / MCD that has either insufficient population or frame counts	No impact (factor set to 1)
	In an in-scope place / MCD but does not match to administrative data or the model using administrative data fails	Adjusts weights to calibrate to frame counts for the area
	In an in-scope place / MCD, matches to the administrative data and the model using administrative data passes	Adjusts weights to calibrate to frame counts and calibrate weighted administrative data to administrative universe counts

This factor is then applied to the WMBF weights to create the Weight after the GREG Weighting Factor (*WGWTF*). The computation of this weight is summarized in Table 11-11.

Table 11-11: Computation of the Weight After the GREG Weighting Factor (*WGWTF*)

Interview Status	$WGWTF_j$
Interview or field determined ineligible housing unit	$WMBF_j \times GWTF_j$
All others	0

After this step is complete, the multiyear weighting mirrors the single-year weighting, picking up again at the *HPF* step.

Other Multiyear Estimation Steps

In addition to the adjustments to the single-year weighting methodology for weighting the multiyear data, there are other steps involved in the multiyear estimation that are not weighting related. These include standardizing definitions of variables, updating the geography for place of work and migration characteristics, and the adjustment of income, value and other dollar amounts for inflation over the period. The details of these adjustments are given in Chapter 10.

11.12 References

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Table P-10. Age--All People (Both Sexes Combined) by Median and Mean Income: 1974 to 2020

Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <https://www2.census.gov/programs-surveys/cps/techdocs/cpsmar21.pdf>.

Footnotes are available at www.census.gov/topics/income-poverty/income/guidance/cps-historic-footnotes.html.

Source: U.S. Census Bureau, Current Population Survey, 1975 to 2021 Annual Social and Economic Supplements (CPS ASEC).

(People 15 years old and over beginning with March 1980, and people 14 years old and over as of March of the following year for previous years. Income in current and 2020 CPI-U-RS adjusted dollars (28))

15 Years and Over

Age and year	Number with income (thousands)	Median income		Mean income	
		Current dollars	2020 dollars	Current dollars	2020 dollars
2020	235,916	35,805	35,805	53,996	53,996
2019	235,292	35,977	36,426	54,129	54,804
2018	232,139	33,706	34,745	50,413	51,967
2017 (40)	231,205	31,962	33,750	48,986	51,727
2017	231,467	31,786	33,565	48,150	50,844
2016	228,529	31,099	33,545	46,550	50,212
2015	226,762	30,240	33,040	44,510	48,631
2014	222,972	28,757	31,473	42,789	46,831
2013 (39)	222,003	27,677	30,804	42,394	47,184
2013 (38)	218,662	27,851	30,998	41,319	45,988
2012	216,917	26,989	30,484	40,563	45,815
2011	214,559	26,588	30,667	39,660	45,744
2010 (37)	212,411	26,175	31,142	38,328	45,601
2009 (36)	211,254	26,134	31,606	38,213	46,214
2008	211,831	26,513	31,953	38,376	46,250
2007	210,019	26,625	33,321	38,174	47,774
2006	208,491	25,795	33,197	37,517	48,283
2005	207,231	24,325	32,320	35,499	47,167
2004 (35)	205,157	23,214	31,889	33,859	46,512
2003	203,482	22,672	31,986	32,976	46,523
2002	202,275	22,118	31,913	32,222	46,491
2001	200,814	21,934	32,146	32,099	47,044
2000 (30)	200,208	21,516	32,431	31,199	47,027
1999 (29)	198,099	20,584	32,079	29,677	46,251
1998	193,642	19,953	31,758	28,236	44,942
1997	191,615	18,756	30,257	27,022	43,592
1996	189,997	17,587	28,985	25,466	41,970
1995 (25)	188,073	16,775	28,383	24,211	40,964
1994 (24)	186,402	15,943	27,625	23,278	40,334
1993 (23)	184,611	15,427	27,289	22,199	39,268
1992 (22)	183,692	14,902	27,025	20,758	37,645
1991	181,222	14,688	27,299	20,280	37,693
1990	180,465	14,383	27,705	19,842	38,220

1989	178,852	13,856	28,006	19,348	39,106
1988	177,177	12,935	27,287	18,049	38,076
1987 (21)	175,374	12,103	26,454	17,041	37,248
1986	172,293	11,546	26,105	16,174	36,569
1985 (20)	170,163	11,008	25,324	15,323	35,251
1984 (19)	167,738	10,417	24,788	14,412	34,294
1983	164,739	9,720	24,091	13,362	33,118
1982	162,227	9,143	23,629	12,709	32,845
1981	161,828	8,532	23,382	11,909	32,636
1980	159,487	7,944	23,826	10,998	32,985
1979 (18)	158,050	7,254	24,193	10,121	33,754
1978	147,473	6,813	24,877	9,451	34,509
1977	139,422	6,429	25,084	8,886	34,671
1976 (17)	135,945	6,002	24,896	8,242	34,188
1975 (16)	132,041	5,664	24,846	7,704	33,795
1974 (16)(15)	130,505	5,335	25,326	7,255	34,441

15 to 24 Years

Age and year	Number with income (thousands)	Median income		Mean income	
		Current dollars	2020 dollars	Current dollars	2020 dollars
2020	26,260	14,248	14,248	19,969	19,969
2019	26,689	13,344	13,511	19,874	20,122
2018	26,531	13,967	14,398	19,631	20,236
2017 (40)	26,898	12,398	13,092	18,247	19,268
2017	27,075	12,193	12,875	18,184	19,201
2016	27,254	11,541	12,449	17,659	19,048
2015	27,390	10,975	11,991	16,108	17,599
2014	27,026	10,420	11,404	15,734	17,220
2013 (39)	27,412	10,349	11,518	16,051	17,865
2013 (38)	26,494	10,678	11,885	15,642	17,409
2012	26,398	10,244	11,570	14,483	16,358
2011	26,014	9,808	11,313	13,793	15,909
2010 (37)	25,491	9,269	11,028	13,584	16,162
2009 (36)	26,083	9,505	11,495	13,620	16,472
2008	27,036	9,862	11,886	14,268	17,196
2007	27,297	10,128	12,675	14,013	17,537
2006	27,360	9,906	12,749	13,796	17,755
2005	27,666	9,294	12,349	13,231	17,580
2004 (35)	27,792	8,817	12,112	12,818	17,608
2003	27,831	8,614	12,153	12,038	16,983
2002	27,704	8,578	12,377	12,311	17,763
2001	28,350	8,329	12,207	12,479	18,289
2000 (30)	28,729	8,371	12,618	11,884	17,913
1999 (29)	28,074	7,348	11,452	10,664	16,619
1998	27,954	7,190	11,444	10,818	17,218
1997	27,531	6,862	11,070	10,105	16,301

1996	27,518	6,403	10,553	9,150	15,080
1995 (25)	27,351	6,071	10,272	8,932	15,113
1994 (24)	27,026	6,232	10,798	8,764	15,186
1993 (23)	27,294	5,860	10,366	8,417	14,889
1992 (22)	27,967	5,706	10,348	8,166	14,809
1991	26,702	5,711	10,614	7,973	14,819
1990	27,724	5,565	10,719	7,853	15,127
1989	28,332	5,409	10,933	7,914	15,996
1988	29,105	5,024	10,598	7,575	15,980
1987 (21)	29,835	4,845	10,590	7,091	15,499
1986	29,740	4,610	10,423	6,703	15,155
1985 (20)	30,343	4,328	9,957	6,441	14,818
1984 (19)	30,778	4,086	9,723	6,122	14,567
1983	31,041	3,832	9,498	5,726	14,192
1982	31,537	3,806	9,836	5,714	14,767
1981	32,888	2,497	6,843	5,590	15,319
1980	33,348	3,769	11,304	5,377	16,127
1979 (18)	34,208	3,459	11,536	5,015	16,725
1978	33,228	3,030	11,064	4,458	16,278
1977	31,774	2,725	10,632	3,966	15,474
1976 (17)	31,191	2,498	10,362	3,665	15,202
1975 (16)	30,091	2,340	10,265	3,429	15,042
1974 (16)(15)	30,567	2,189	10,392	3,233	15,348

25 to 34 Years

Age and year	Number with income (thousands)	Median income		Mean income	
		Current dollars	2020 dollars	Current dollars	2020 dollars
2020	41,425	40,158	40,158	50,133	50,133
2019	41,125	39,213	39,702	48,513	49,119
2018	40,782	37,133	38,278	47,034	48,484
2017 (40)	40,414	35,245	37,217	44,713	47,215
2017	40,374	35,455	37,439	45,503	48,049
2016	39,977	34,067	36,747	42,868	46,240
2015	39,191	32,481	35,488	42,393	46,318
2014	38,228	31,219	34,168	39,532	43,266
2013 (39)	38,074	30,312	33,737	38,502	42,852
2013 (38)	37,550	30,759	34,235	38,126	42,434
2012	36,998	30,502	34,451	37,523	42,382
2011	36,518	30,134	34,757	36,426	42,014
2010 (37)	36,319	29,265	34,818	35,177	41,852
2009 (36)	36,780	28,729	34,745	35,612	43,069
2008	36,762	30,182	36,375	36,146	43,563
2007	36,257	30,179	37,768	36,582	45,782
2006	36,196	28,709	36,948	35,558	45,762
2005	35,955	27,075	35,974	32,997	43,843
2004 (35)	35,762	26,676	36,645	32,041	44,015

2003	35,840	26,212	36,980	32,189	45,412
2002	36,031	26,337	38,000	31,461	45,393
2001	35,900	26,086	38,231	31,673	46,420
2000 (30)	36,252	25,559	38,525	31,109	46,891
1999 (29)	36,492	24,293	37,860	29,406	45,828
1998	36,103	23,147	36,842	27,527	43,813
1997	37,017	21,821	35,202	25,968	41,892
1996	37,835	20,909	34,460	24,428	40,259
1995 (25)	38,473	19,723	33,371	23,326	39,467
1994 (24)	39,150	18,815	32,601	22,296	38,633
1993 (23)	39,750	18,015	31,867	21,458	37,957
1992 (22)	40,181	17,602	31,921	20,646	37,442
1991	40,345	17,401	32,342	20,097	37,352
1990	40,891	17,089	32,917	19,755	38,053
1989	41,207	16,890	34,138	19,454	39,321
1988	41,140	16,299	34,384	18,534	39,099
1987 (21)	40,971	15,285	33,410	17,464	38,172
1986	40,396	14,755	33,361	16,855	38,109
1985 (20)	39,765	14,264	32,815	16,287	37,469
1984 (19)	38,793	13,449	32,002	15,197	36,162
1983	37,721	12,526	31,046	14,221	35,247
1982	36,806	12,054	31,152	13,699	35,404
1981	36,550	11,652	31,932	13,032	35,714
1980	35,646	11,173	33,510	12,225	36,665
1979 (18)	34,644	10,388	34,645	11,442	38,160
1978	30,790	9,801	35,787	10,711	39,110
1977	28,736	9,336	36,427	10,170	39,681
1976 (17)	27,621	8,754	36,311	9,541	39,576
1975 (16)	26,315	8,369	36,712	8,981	39,397
1974 (16)(15)	25,316	7,880	37,408	8,466	40,190

35 to 44 Years

Age and year	Number with income (thousands)	Median income		Mean income	
		Current dollars	2020 dollars	Current dollars	2020 dollars
2020	38,600	49,086	49,086	67,643	67,643
2019	38,197	49,072	49,685	66,614	67,446
2018	37,523	45,952	47,369	62,019	63,931
2017 (40)	37,426	45,076	47,598	60,780	64,181
2017	37,447	42,823	45,219	59,851	63,200
2016	36,657	42,012	45,317	58,177	62,753
2015	36,654	40,728	44,498	55,067	60,165
2014	36,403	38,680	42,334	52,967	57,970
2013 (39)	36,667	37,252	41,461	50,589	56,305
2013 (38)	35,832	37,750	42,015	50,755	56,490
2012	36,125	36,800	41,565	50,168	56,664
2011	36,284	36,109	41,648	48,725	56,200

2010 (37)	36,478	35,842	42,643	47,410	56,407
2009 (36)	37,001	35,414	42,829	47,265	57,162
2008	38,209	35,767	43,106	47,520	57,270
2007	38,933	35,904	44,933	47,300	59,195
2006	39,574	35,036	45,090	47,094	60,608
2005	40,118	32,729	43,487	43,570	57,891
2004 (35)	40,349	31,628	43,447	42,547	58,447
2003	40,791	30,914	43,614	40,561	57,224
2002	41,466	30,218	43,600	40,204	58,008
2001	41,813	30,404	44,560	40,359	59,150
2000 (30)	42,354	30,149	45,444	39,148	59,008
1999 (29)	42,426	28,023	43,673	36,363	56,670
1998	42,509	27,127	43,177	34,979	55,674
1997	42,265	25,897	41,777	33,228	53,604
1996	41,818	25,149	41,447	32,557	53,656
1995 (25)	41,231	23,915	40,463	30,922	52,319
1994 (24)	40,517	22,809	39,522	29,817	51,665
1993 (23)	39,615	22,344	39,525	28,758	50,870
1992 (22)	39,012	21,799	39,533	26,783	48,571
1991	38,034	21,582	40,112	26,211	48,716
1990	37,300	21,344	41,113	26,114	50,301
1989	35,766	20,841	42,124	25,525	51,591
1988	34,444	20,194	42,601	24,376	51,423
1987 (21)	33,268	19,202	41,971	23,169	50,642
1986	32,208	18,075	40,867	21,801	49,291
1985 (20)	30,965	17,073	39,277	20,687	47,591
1984 (19)	29,711	16,400	39,024	19,473	46,337
1983	28,449	15,210	37,699	18,171	45,038
1982	27,143	14,168	36,616	17,065	44,103
1981	25,901	13,543	37,114	16,289	44,640
1980	24,635	12,254	36,752	14,986	44,946
1979 (18)	23,976	11,476	38,273	14,000	46,691
1978	22,095	11,030	40,274	13,177	48,114
1977	20,472	10,717	41,815	12,613	49,213
1976 (17)	19,685	9,895	41,044	11,613	48,171
1975 (16)	19,214	9,214	40,419	10,815	47,442
1974 (16)(15)	18,791	8,883	42,169	10,313	48,958

45 to 54 Years

Age and year	Number with income (thousands)	Median income		Mean income	
		Current dollars	2020 dollars	Current dollars	2020 dollars
2020	36,920	50,311	50,311	71,516	71,516
2019	37,087	50,383	51,012	71,870	72,767
2018	37,634	47,088	48,540	66,473	68,522
2017 (40)	38,527	45,234	47,765	62,085	65,559
2017	38,564	43,985	46,446	61,281	64,710

2016	38,688	41,813	45,102	60,614	65,382
2015	39,272	40,668	44,433	57,671	63,010
2014	39,381	40,000	43,778	55,692	60,953
2013 (39)	39,796	37,524	41,764	54,421	60,570
2013 (38)	39,374	38,643	43,009	53,508	59,554
2012	39,940	36,752	41,511	51,937	58,662
2011	40,274	36,515	42,117	51,169	59,019
2010 (37)	40,721	35,745	42,528	49,105	58,423
2009 (36)	41,137	35,891	43,406	49,301	59,624
2008	41,284	35,982	43,365	49,570	59,741
2007	40,925	36,713	45,945	49,348	61,758
2006	40,562	36,002	46,333	49,609	63,845
2005	40,071	35,172	46,733	47,795	63,505
2004 (35)	39,392	32,867	45,149	45,116	61,976
2003	38,721	32,583	45,968	43,980	62,047
2002	38,065	31,856	45,963	43,647	62,976
2001	37,481	31,738	46,515	42,977	62,987
2000 (30)	36,875	31,409	47,343	42,789	64,497
1999 (29)	35,716	30,707	47,856	40,845	63,655
1998	33,736	29,573	47,070	38,464	61,221
1997	32,433	28,131	45,381	37,427	60,377
1996	31,441	26,477	43,636	35,806	59,011
1995 (25)	30,060	25,710	43,500	33,888	57,337
1994 (24)	29,380	24,993	43,306	33,381	57,840
1993 (23)	28,089	23,677	41,882	32,331	57,191
1992 (22)	26,942	22,907	41,542	29,371	53,265
1991	25,836	22,047	40,977	28,026	52,089
1990	24,488	21,485	41,385	27,479	52,931
1989	24,095	20,729	41,898	27,107	54,789
1988	23,389	19,674	41,504	24,931	52,594
1987 (21)	22,578	18,843	41,187	23,829	52,085
1986	21,756	17,719	40,062	22,310	50,442
1985 (20)	21,380	16,392	37,711	20,914	48,114
1984 (19)	21,037	15,275	36,347	19,538	46,491
1983	20,857	14,525	36,001	18,343	45,464
1982	20,670	13,249	34,241	17,150	44,323
1981	20,882	12,498	34,250	16,056	44,001
1980	21,084	11,927	35,772	15,095	45,273
1979 (18)	21,239	11,002	36,693	13,800	46,024
1978	20,235	10,759	39,285	13,324	48,650
1977	19,409	10,308	40,219	12,651	49,361
1976 (17)	19,535	9,637	39,974	11,734	48,672
1975 (16)	19,383	9,105	39,940	10,998	48,244
1974 (16)(15)	19,623	8,587	40,764	10,357	49,167

55 to 64 Years

Age and year	Number with income	Median income	Mean income
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Age and year	Income (thousands)	Current dollars	2020 dollars	Current dollars	2020 dollars
2020	38,859	41,882	41,882	63,888	63,888
2019	39,407	42,044	42,569	65,264	66,078
2018	38,741	39,940	41,171	59,255	61,082
2017 (40)	38,736	38,506	40,661	59,620	62,956
2017	38,752	37,635	39,741	57,562	60,783
2016	38,451	37,134	40,055	55,487	59,852
2015	38,334	35,873	39,194	52,350	57,196
2014	37,501	34,498	37,757	50,066	54,795
2013 (39)	36,499	35,299	39,288	52,402	58,323
2013 (38)	36,478	33,699	37,507	49,621	55,228
2012	35,613	33,795	38,171	49,615	56,039
2011	35,275	32,744	37,767	48,853	56,347
2010 (37)	34,942	32,169	38,273	46,565	55,401
2009 (36)	32,947	31,778	38,432	46,193	55,865
2008	32,034	32,077	38,659	46,408	55,930
2007	31,123	32,891	41,162	46,064	57,648
2006	29,978	31,895	41,048	45,187	58,154
2005	29,004	30,589	40,643	43,263	57,483
2004 (35)	27,678	28,543	39,209	40,868	56,140
2003	26,520	28,068	39,599	40,735	57,469
2002	25,675	26,749	38,595	38,472	55,509
2001	24,359	25,801	37,814	38,002	55,695
2000 (30)	23,142	24,415	36,801	35,923	54,147
1999 (29)	22,650	23,239	36,217	35,420	55,201
1998	21,646	22,209	35,349	33,646	53,553
1997	20,968	21,349	34,440	33,322	53,755
1996	20,186	20,260	33,390	29,915	49,302
1995 (25)	19,877	19,314	32,679	28,726	48,603
1994 (24)	19,652	17,453	30,241	26,863	46,546
1993 (23)	19,640	16,772	29,668	24,912	44,067
1992 (22)	19,486	16,707	30,298	23,737	43,047
1991	20,050	16,420	30,518	23,580	43,826
1990	20,327	15,721	30,282	22,697	43,720
1989	20,133	15,256	30,836	22,299	45,071
1988	20,351	14,295	30,156	20,360	42,951
1987 (21)	20,526	13,541	29,598	19,462	42,540
1986	20,576	13,035	29,472	18,733	42,355
1985 (20)	20,734	12,394	28,513	17,737	40,805
1984 (19)	20,897	11,770	28,007	16,978	40,400
1983	20,733	11,215	27,797	15,709	38,935
1982	20,639	10,832	27,994	15,146	39,143
1981	20,661	10,179	27,895	14,127	38,715
1980	20,422	9,420	28,253	13,030	39,080
1979 (18)	20,145	8,564	28,562	12,052	40,194
1978	18,417	8,487	30,989	11,532	42,107

1977	17,564	8,014	31,269	10,888	42,482
1976 (17)	17,028	7,644	31,707	10,047	41,675
1975 (16)	16,727	6,995	30,685	9,198	40,348
1974 (16)(15)	16,419	6,599	31,327	8,654	41,082

65 Years and Older

Age and year	Number with income (thousands)	Median income		Mean income	
		Current dollars	2020 dollars	Current dollars	2020 dollars
2020	53,852	26,668	26,668	44,628	44,628
2019	52,786	27,398	27,740	46,010	46,585
2018	50,929	25,601	26,390	42,009	43,304
2017 (40)	49,204	24,445	25,813	41,698	44,031
2017	49,255	24,224	25,579	40,210	42,460
2016	47,500	23,394	25,234	38,565	41,599
2015	45,922	22,887	25,006	37,033	40,461
2014	44,432	22,248	24,350	36,131	39,544
2013 (39)	43,555	21,792	24,254	36,103	40,182
2013 (38)	42,933	21,225	23,623	33,852	37,677
2012	41,842	20,380	23,019	32,849	37,102
2011	40,195	19,939	22,998	31,557	36,398
2010 (37)	38,461	18,850	22,427	30,198	35,928
2009 (36)	37,307	19,167	23,180	29,718	35,941
2008	36,506	18,337	22,099	29,195	35,185
2007	35,485	17,424	21,806	28,567	35,751
2006	34,821	17,045	21,936	26,621	34,260
2005	34,418	15,696	20,855	25,747	34,210
2004 (35)	34,184	15,200	20,880	23,966	32,922
2003	33,779	14,664	20,688	23,198	32,728
2002	33,334	14,251	20,562	21,802	31,457
2001	32,910	14,152	20,741	22,210	32,551
2000 (30)	32,856	13,748	20,723	21,603	32,563
1999 (29)	32,741	13,819	21,536	21,461	33,446
1998	31,694	13,223	21,046	20,777	33,070
1997	31,401	12,744	20,559	19,788	31,922
1996	31,199	12,214	20,130	18,314	30,183
1995 (25)	31,081	11,871	20,085	17,604	29,785
1994 (24)	30,676	11,283	19,550	16,709	28,952
1993 (23)	30,223	10,808	19,118	15,845	28,028
1992 (22)	30,104	10,362	18,792	15,160	27,493
1991	30,256	10,331	19,201	15,130	28,121
1990	29,734	10,174	19,597	15,029	28,949
1989	29,320	9,578	19,359	14,307	28,917
1988	28,747	9,087	19,170	13,145	27,730
1987 (21)	28,196	8,729	19,080	12,529	27,386
1986	27,617	8,154	18,436	12,074	27,299
1985 (20)	26,976	7,884	18,137	11,449	26,339

1984 (19)	26,522	7,519	17,892	11,126	26,475
1983	25,938	6,974	17,285	10,094	25,018
1982	25,432	6,593	17,039	9,715	25,108
1981	24,947	5,886	16,130	8,737	23,944
1980	24,353	5,213	15,635	7,614	22,836
1979 (18)	23,838	4,673	15,585	6,719	22,408
1978	22,709	4,172	15,233	6,287	22,956
1977	21,467	3,856	15,045	5,853	22,837
1976 (17)	20,886	3,632	15,065	5,446	22,590
1975 (16)	20,311	3,408	14,950	5,070	22,240
1974 (16)(15)	19,789	3,107	14,750	4,782	22,701

65 to 74 Years

Age and year	Number with income (thousands)	Median income		Mean income	
		Current dollars	2020 dollars	Current dollars	2020 dollars
2020	31,861	29,740	29,740	49,010	49,010
2019	31,166	31,075	31,463	51,157	51,796
2018	30,324	28,458	29,335	46,325	47,753
2017 (40)	29,257	27,371	28,903	46,893	49,517
2017	29,366	26,964	28,473	44,807	47,314
2016	28,137	26,539	28,627	43,579	47,007
2015	26,907	25,665	28,041	41,884	45,761
2014	25,991	25,143	27,518	40,675	44,517
2013 (39)	25,380	24,680	27,469	40,577	45,162
2013 (38)	24,739	24,644	27,429	38,945	43,346
2012	23,855	23,288	26,303	37,667	42,544
2011	22,635	22,705	26,188	36,320	41,892
2010 (37)	21,014	21,381	25,438	35,201	41,881
2009 (36)	20,263	21,379	25,856	34,027	41,152
2008	19,705	20,517	24,727	33,286	40,116
2007	18,856	19,610	24,541	32,775	41,017
2006	18,299	19,006	24,460	29,895	38,474
2005	17,944	16,972	22,550	29,637	39,378
2004 (35)	17,808	16,823	23,110	27,640	37,969
2003	17,751	16,227	22,893	26,575	37,492
2002	17,627	15,319	22,103	24,111	34,788
2001	17,604	15,111	22,147	25,198	36,930
2000 (30)	17,705	14,731	22,204	24,019	36,204
1999 (29)	17,811	14,984	23,352	23,822	37,126
1998	17,447	14,136	22,500	22,564	35,914
1997	17,414	13,827	22,306	21,625	34,886
1996	17,589	13,109	21,605	20,170	33,242
1995 (25)	17,958	12,747	21,567	19,350	32,740
1994 (24)	17,886	11,960	20,723	17,952	31,106
1993 (23)	17,773	11,595	20,511	17,099	30,247
1992 (22)	17,798	11,137	20,197	16,438	29,810

1991	18,230	10,908	20,274	16,205	30,119
1990	18,012	11,228	21,628	16,198	31,201
1989	17,815	10,522	21,267	15,615	31,561
1988	17,581	10,016	21,129	14,161	29,874
1987 (21)	17,320	9,588	20,957	13,620	29,770

75 Years and Over

Age and year	Number with income (thousands)	Median income		Mean income	
		Current dollars	2020 dollars	Current dollars	2020 dollars
2020	21,990	23,606	23,606	38,278	38,278
2019	21,621	23,581	23,875	38,592	39,073
2018	20,605	22,287	22,974	35,657	36,756
2017 (40)	19,947	21,205	22,392	34,078	35,985
2017	19,890	21,055	22,233	33,423	35,293
2016	19,363	20,497	22,109	31,279	33,740
2015	19,016	20,230	22,103	30,170	32,963
2014	18,441	19,209	21,023	29,726	32,534
2013 (39)	18,175	18,910	21,047	29,856	33,230
2013 (38)	18,194	18,177	20,231	26,928	29,971
2012	17,987	17,953	20,278	26,458	29,884
2011	17,560	17,577	20,273	25,417	29,316
2010 (37)	17,446	16,938	20,152	24,172	28,759
2009 (36)	17,044	17,316	20,942	24,595	29,745
2008	16,801	16,757	20,195	24,396	29,402
2007	16,629	16,054	20,091	23,794	29,778
2006	16,522	15,658	20,151	22,996	29,595
2005	16,474	14,601	19,400	21,509	28,579
2004 (35)	16,377	14,145	19,431	19,970	27,433
2003	16,028	13,635	19,236	19,458	27,451
2002	15,707	13,449	19,405	19,212	27,720
2001	15,306	13,362	19,583	18,774	27,515
2000 (30)	15,151	12,895	19,437	18,781	28,309
1999 (29)	14,930	12,805	19,956	18,645	29,058
1998	14,247	12,366	19,682	18,587	29,584
1997	13,987	11,890	19,181	17,501	28,233
1996	13,610	11,352	18,709	15,915	26,229
1995 (25)	13,124	11,020	18,645	15,214	25,742
1994 (24)	12,791	10,579	18,331	14,971	25,941
1993 (23)	12,450	9,879	17,475	14,054	24,860
1992 (22)	12,306	9,546	17,312	13,311	24,140
1991	12,026	9,692	18,014	13,501	25,093
1990	11,723	9,124	17,575	13,233	25,490
1989	11,505	8,544	17,269	12,280	24,820
1988	11,166	7,999	16,874	11,545	24,355
1987 (21)	10,877	7,631	16,680	10,791	23,587

Important though these principles are to the proper operation of our federal prosecutorial system, the success of that system must rely ultimately on the character, integrity, sensitivity, and competence of those men and women who are selected to represent the public interest in the federal criminal justice process. It is with their help that these principles have been prepared, and it is with their efforts that the purposes of these principles will be achieved.

[updated February 2018]

9-27.110 - PURPOSE

The principle of federal prosecution set forth herein are intended to promote the reasoned exercise of prosecutorial discretion by attorneys for the government with respect to:

1. Initiating and declining prosecution;
2. Selecting charges;
3. Entering into plea agreements;
4. Offering to plead nolo contendere;
5. Entering into non-prosecution agreements in return for cooperation; and
6. Participating in sentencing

Comment. Under the federal criminal justice system, the prosecutor has wide latitude in determining when, whom, how, and even whether to prosecute for apparent violations of federal criminal law. The prosecutor's broad discretion in such areas as initiating or foregoing prosecutions, selecting or recommending specific charges, and terminating prosecutions by accepting guilty plea have been recognized on numerous occasions by the court. See, e.g., *United States v. LaBonte*, 520 U.S. 751, 762 (1997); *Oyler v. Boles*, 368 U.S. 448 (1962); *United States v. Fokker Services B.V.*, 818 F.3d 733, 741 (D.C. Cir. 2016); *Newman v. United States*, 382 F.2d 479 (D.C. Cir. 1967); *Powell v. Ratzenbach*, 359 F.2d 234 (D.C. Cir. 1965). This discretion exists by virtue of the prosecutor's status as a member of the Executive Branch, and the President's responsibility under the Constitution to ensure that the laws of the United States be "faithfully executed." U.S. Const. Art. II § 3. See *Nader v. Saxbe*, 497 F.2d 676, 679 n. 18 (D.C. Cir. 1974).

Since federal prosecutors have great latitude in making crucial decisions concerning enforcement of a nationwide system of criminal justice, it is desirable, in the interest of the fair and effective administration of justice, that all federal prosecutors be guided by a general statement of principle that summarize appropriate considerations to be weighed, and desirable practices to be followed, in discharging their prosecutorial responsibilities.

Although these principles deal with the specific situations indicated, they should be read in the broader context of the basic responsibilities of federal attorneys: making certain that the general purposes of the criminal law—assurance of warranted punishment, deterrence of further criminal conduct, protection of the public from offenders, and rehabilitation of offenders—are adequately met, while making certain also that the rights of individuals are scrupulously protected.

[cited in JM 9-2.031]

[updated February 2018]

9-27.120 - APPLICATION

In carrying out criminal law enforcement responsibilities, each Department of Justice attorney should be guided by these principles, and each United States Attorney and each Assistant Attorney General should ensure that such principles are communicated to the attorneys who exercise prosecutorial responsibility within his/her office or under his/her direction or supervision.

Comment. It is expected that each federal prosecutor will be guided by these principles in carrying out his/her criminal law enforcement responsibilities unless a modification of, or departure from, these principles has been authorized pursuant to JM 9-27.140. However, it is not intended that reference to these principles will require a particular prosecutorial decision in any given case. Rather, these principles are set forth solely for the purpose of assisting attorneys for the government in determining how best to exercise their authority in the performance of their duties.

AR2022_401253

Prioritizing and Deferring Removal of Certain Aliens Unlawfully Present in the United States

The Department of Homeland Security's proposed policy to prioritize the removal of certain aliens unlawfully present in the United States would be a permissible exercise of DHS's discretion to enforce the immigration laws.

DHS's proposed deferred action program for parents of U.S. citizens and legal permanent residents would also be a permissible exercise of DHS's discretion to enforce the immigration laws.

DHS's proposed deferred action program for parents of recipients of deferred action under the Deferred Action for Childhood Arrivals program would not be a permissible exercise of DHS's enforcement discretion.

November 19, 2014

MEMORANDUM OPINION FOR THE SECRETARY OF HOMELAND SECURITY AND THE COUNSEL TO THE PRESIDENT*

You have asked two questions concerning the scope of the Department of Homeland Security's discretion to enforce the immigration laws. First, you have asked whether, in light of the limited resources available to the Department ("DHS") to remove aliens unlawfully present in the United

* Editor's Note: This opinion has been withdrawn. The opinion's principal subject, the Deferred Action for Parents of Americans and Lawful Permanent Residents ("DAPA") policy, was preliminarily enjoined before it went into effect. *See Texas v. United States*, 86 F. Supp. 3d 591 (S.D. Tex.), *aff'd*, 809 F.3d 134 (5th Cir. 2015), *aff'd by an equally divided Court*, 136 S. Ct. 2271 (2016). Based on the reasoning in the Fifth Circuit's decision, on September 4, 2017, Attorney General Sessions concluded that the related Deferred Action for Childhood Arrivals ("DACA") policy, which is briefly discussed in footnote 8 of this opinion, was unlawful. *See* Letter for Elaine Duke, Acting Secretary of Homeland Security, from Jefferson B. Sessions III, Attorney General (Sept. 4, 2017). Although the Acting Secretary of Homeland Security announced the rescission of DACA on September 5, 2017, the Supreme Court vacated that decision and remanded for further proceedings. *See Dep't of Homeland Sec. v. Regents of Univ. of Cal.*, 140 S. Ct. 1891 (2020). In order to maximize the Acting Secretary's discretion on remand, and without regard to the merits of the legal issues, Attorney General Barr withdrew Attorney General Sessions' September 4, 2017 letter and, for the same reason, further directed this Office to withdraw this opinion. *See* Letter for Chad F. Wolf, Acting Secretary of Homeland Security, from William P. Barr, Attorney General (June 30, 2020).

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States, it would be legally permissible for the Department to implement a policy prioritizing the removal of certain categories of aliens over others. DHS has explained that although there are approximately 11.3 million undocumented aliens in the country, it has the resources to remove fewer than 400,000 such aliens each year. DHS’s proposed policy would prioritize the removal of aliens who present threats to national security, public safety, or border security. Under the proposed policy, DHS officials could remove an alien who did not fall into one of these categories provided that an Immigration and Customs Enforcement (“ICE”) Field Office Director determined that “removing such an alien would serve an important federal interest.” Draft Memorandum for Thomas S. Winkowski, Acting Director, ICE, et al., from Jeh Charles Johnson, Secretary of Homeland Security, *Re: Policies for the Apprehension, Detention, and Removal of Undocumented Immigrants* at 5 (Nov. 17, 2014) (“Johnson Prioritization Memorandum”).

Second, you have asked whether it would be permissible for DHS to extend deferred action, a form of temporary administrative relief from removal, to certain aliens who are the parents of children who are present in the United States. Specifically, DHS has proposed to implement a program under which an alien could apply for, and would be eligible to receive, deferred action if he or she is not a DHS removal priority under the policy described above; has continuously resided in the United States since before January 1, 2010; has a child who is either a U.S. citizen or a lawful permanent resident; is physically present in the United States both when DHS announces its program and at the time of application for deferred action; and presents “no other factors that, in the exercise of discretion, make[] the grant of deferred action inappropriate.” Draft Memorandum for Leon Rodriguez, Director, U.S. Citizenship and Immigration Services, et al., from Jeh Charles Johnson, Secretary of Homeland Security, *Re: Exercising Prosecutorial Discretion with Respect to Individuals Who Came to the United States as Children and Others* at 4 (Nov. 17, 2014) (“Johnson Deferred Action Memorandum”). You have also asked whether DHS could implement a similar program for parents of individuals who have received deferred action under the Deferred Action for Childhood Arrivals (“DACA”) program.

As has historically been true of deferred action, these proposed deferred action programs would not “legalize” any aliens who are unlawfully

Prioritizing and Deferring Removal of Certain Unlawfully Present Aliens

present in the United States: Deferred action does not confer any lawful immigration status, nor does it provide a path to obtaining permanent residence or citizenship. Grants of deferred action under the proposed programs would, rather, represent DHS’s decision not to seek an alien’s removal for a prescribed period of time. *See generally Reno v. Am.-Arab Anti-Discrim. Comm.*, 525 U.S. 471, 483–84 (1999) (describing deferred action). Under decades-old regulations promulgated pursuant to authority delegated by Congress, *see* 8 U.S.C. §§ 1103(a)(3), 1324a(h)(3), aliens who are granted deferred action—like certain other categories of aliens who do not have lawful immigration status, such as asylum applicants—may apply for authorization to work in the United States in certain circumstances, 8 C.F.R. § 274a.12(c)(14) (providing that deferred action recipients may apply for work authorization if they can show an “economic necessity for employment”); *see also id.* § 109.1(b)(7) (1982). Under DHS policy guidance, a grant of deferred action also suspends an alien’s accrual of unlawful presence for purposes of 8 U.S.C. § 1182(a)(9)(B)(i) and (a)(9)(C)(i)(I), provisions that restrict the admission of aliens who have departed the United States after having been unlawfully present for specified periods of time. A grant of deferred action under the proposed programs would remain in effect for three years, subject to renewal, and could be terminated at any time at DHS’s discretion. *See* Johnson Deferred Action Memorandum at 2, 5.

For the reasons discussed below, we conclude that DHS’s proposed prioritization policy and its proposed deferred action program for parents of U.S. citizens and lawful permanent residents would be permissible exercises of DHS’s discretion to enforce the immigration laws. We further conclude that, as it has been described to us, the proposed deferred action program for parents of DACA recipients would not be a permissible exercise of enforcement discretion.

I.

We first address DHS’s authority to prioritize the removal of certain categories of aliens over others. We begin by discussing some of the sources and limits of DHS’s enforcement discretion under the immigration laws, and then analyze DHS’s proposed prioritization policy in light of these considerations.

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A.

DHS’s authority to remove aliens from the United States rests on the Immigration and Nationality Act of 1952 (“INA”), as amended, 8 U.S.C. § 1101 *et seq.* In the INA, Congress established a comprehensive scheme governing immigration and naturalization. The INA specifies certain categories of aliens who are inadmissible to the United States. *See* 8 U.S.C. § 1182. It also specifies “which aliens may be removed from the United States and the procedures for doing so.” *Arizona v. United States*, 132 S. Ct. 2492, 2499 (2012). “Aliens may be removed if they were inadmissible at the time of entry, have been convicted of certain crimes, or meet other criteria set by federal law.” *Id.* (citing 8 U.S.C. § 1227); *see* 8 U.S.C. § 1227(a) (providing that “[a]ny alien . . . in and admitted to the United States shall, upon the order of the Attorney General, be removed if the alien” falls within one or more classes of deportable aliens); *see also* 8 U.S.C. § 1182(a) (listing classes of aliens ineligible to receive visas or be admitted to the United States). Removal proceedings ordinarily take place in federal immigration courts administered by the Executive Office for Immigration Review, a component of the Department of Justice. *See id.* § 1229a (governing removal proceedings); *see also id.* §§ 1225(b)(1)(A), 1228(b) (setting out expedited removal procedures for certain arriving aliens and certain aliens convicted of aggravated felonies).

Before 2003, the Department of Justice, through the Immigration and Naturalization Service (“INS”), was also responsible for providing immigration-related administrative services and generally enforcing the immigration laws. In the Homeland Security Act of 2002, Pub. L. No. 107-296, 116 Stat. 2135, Congress transferred most of these functions to DHS, giving it primary responsibility both for initiating removal proceedings and for carrying out final orders of removal. *See* 6 U.S.C. § 101 *et seq.*; *see also Clark v. Martinez*, 543 U.S. 371, 374 n.1 (2005) (noting that the immigration authorities previously exercised by the Attorney General and INS “now reside” in the Secretary of Homeland Security and DHS). The Act divided INS’s functions among three different agencies within DHS: U.S. Citizenship and Immigration Services (“USCIS”), which oversees legal immigration into the United States and provides immigration and naturalization services to aliens; ICE, which enforces federal laws governing customs, trade, and immigration; and U.S. Customs and Border Protection (“CBP”), which monitors and secures the Nation’s borders and

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ports of entry. *See* Homeland Security Act §§ 403, 442, 451, 471, 116 Stat. at 2178, 2193, 2195, 2205; *see also* Name Change from the Bureau of Citizenship and Immigration Services to U.S. Citizenship and Immigration Services, 69 Fed. Reg. 60,938, 60,938 (Oct. 13, 2004); Name Change of Two DHS Components, 75 Fed. Reg. 12,445, 12,445 (Mar. 16, 2010). The Secretary of Homeland Security is thus now “charged with the administration and enforcement of [the INA] and all other laws relating to the immigration and naturalization of aliens.” 8 U.S.C. § 1103(a)(1).

As a general rule, when Congress vests enforcement authority in an executive agency, that agency has the discretion to decide whether a particular violation of the law warrants prosecution or other enforcement action. This discretion is rooted in the President’s constitutional duty to “take Care that the Laws be faithfully executed,” U.S. Const. art. II, § 3, and it reflects a recognition that the “faithful[]” execution of the law does not necessarily entail “act[ing] against each technical violation of the statute” that an agency is charged with enforcing. *Heckler v. Chaney*, 470 U.S. 821, 831 (1985). Rather, as the Supreme Court explained in *Chaney*, the decision whether to initiate enforcement proceedings is a complex judgment that calls on the agency to “balanc[e] . . . a number of factors which are peculiarly within its expertise.” *Id.* These factors include “whether agency resources are best spent on this violation or another, whether the agency is likely to succeed if it acts, whether the particular enforcement action requested best fits the agency’s overall policies, and . . . whether the agency has enough resources to undertake the action at all.” *Id.*; *cf.* *United States v. Armstrong*, 517 U.S. 456, 465 (1996) (recognizing that exercises of prosecutorial discretion in criminal cases involve consideration of “[s]uch factors as the strength of the case, the prosecution’s general deterrence value, the Government’s enforcement priorities, and the case’s relationship to the Government’s overall enforcement plan” (quoting *Wayte v. United States*, 470 U.S. 598, 607 (1985))). In *Chaney*, the Court considered and rejected a challenge to the Food and Drug Administration’s refusal to initiate enforcement proceedings with respect to alleged violations of the Federal Food, Drug, and Cosmetic Act, concluding that an agency’s decision not to initiate enforcement proceedings is presumptively immune from judicial review. *See* 470 U.S. at 832. The Court explained that, while Congress may “provide[] guidelines for the agency to follow in exercising its enforcement powers,” in the absence of such “legislative direction,” an agency’s non-enforcement determination

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is, much like a prosecutor’s decision not to indict, a “special province of the Executive.” *Id.* at 832–33.

The principles of enforcement discretion discussed in *Chaney* apply with particular force in the context of immigration. Congress enacted the INA against a background understanding that immigration is “a field where flexibility and the adaptation of the congressional policy to infinitely variable conditions constitute the essence of the program.” *United States ex rel. Knauff v. Shaughnessy*, 338 U.S. 537, 543 (1950) (internal quotation marks omitted). Consistent with this understanding, the INA vested the Attorney General (now the Secretary of Homeland Security) with broad authority to “establish such regulations; . . . issue such instructions; and perform such other acts as he deems necessary for carrying out his authority” under the statute. 8 U.S.C. § 1103(a)(3). Years later, when Congress created DHS, it expressly charged DHS with responsibility for “[e]stablishing national immigration enforcement policies and priorities.” Homeland Security Act § 402(5), 116 Stat. at 2178 (codified at 6 U.S.C. § 202(5)).

With respect to removal decisions in particular, the Supreme Court has recognized that “the broad discretion exercised by immigration officials” is a “principal feature of the removal system” under the INA. *Arizona*, 132 S. Ct. at 2499. The INA expressly authorizes immigration officials to grant certain forms of discretionary relief from removal for aliens, including parole, 8 U.S.C. § 1182(d)(5)(A); asylum, *id.* § 1158(b)(1)(A); and cancellation of removal, *id.* § 1229b. But in addition to administering these statutory forms of relief, “[f]ederal officials, as an initial matter, must decide whether it makes sense to pursue removal at all.” *Arizona*, 132 S. Ct. at 2499. And, as the Court has explained, “[a]t each stage” of the removal process—“commenc[ing] proceedings, adjudicat[ing] cases, [and] execut[ing] removal orders”—immigration officials have “discretion to abandon the endeavor.” *Am.-Arab Anti-Discrim. Comm.*, 525 U.S. at 483 (alterations in original) (quoting 8 U.S.C. § 1252(g)). Deciding whether to pursue removal at each of these stages implicates a wide range of considerations. As the Court observed in *Arizona*:

Discretion in the enforcement of immigration law embraces immediate human concerns. Unauthorized workers trying to support their families, for example, likely pose less danger than alien smugglers or aliens who commit a serious crime. The equities of an individual case may turn on many factors, including whether the alien has chil-

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dren born in the United States, long ties to the community, or a record of distinguished military service. Some discretionary decisions involve policy choices that bear on this Nation’s international relations. . . . The foreign state may be mired in civil war, complicit in political persecution, or enduring conditions that create a real risk that the alien or his family will be harmed upon return. The dynamic nature of relations with other countries requires the Executive Branch to ensure that enforcement policies are consistent with this Nation’s foreign policy with respect to these and other realities.

132 S. Ct. at 2499.

Immigration officials’ discretion in enforcing the laws is not, however, unlimited. Limits on enforcement discretion are both implicit in, and fundamental to, the Constitution’s allocation of governmental powers between the two political branches. *See, e.g., Youngstown Sheet & Tube Co. v. Sawyer*, 343 U.S. 579, 587–88 (1952). These limits, however, are not clearly defined. The open-ended nature of the inquiry under the Take Care Clause—whether a particular exercise of discretion is “faithful[]” to the law enacted by Congress—does not lend itself easily to the application of set formulas or bright-line rules. And because the exercise of enforcement discretion generally is not subject to judicial review, *see Chaney*, 470 U.S. at 831–33, neither the Supreme Court nor the lower federal courts have squarely addressed its constitutional bounds. Rather, the political branches have addressed the proper allocation of enforcement authority through the political process. As the Court noted in *Chaney*, Congress “may limit an agency’s exercise of enforcement power if it wishes, either by setting substantive priorities, or by otherwise circumscribing an agency’s power to discriminate among issues or cases it will pursue.” *Id.* at 833. The history of immigration policy illustrates this principle: Since the INA was enacted, the Executive Branch has on numerous occasions exercised discretion to extend various forms of immigration relief to categories of aliens for humanitarian, foreign policy, and other reasons. When Congress has been dissatisfied with executive action, it has responded, as *Chaney* suggests, by enacting legislation to limit the Executive’s discretion in enforcing the immigration laws.¹

¹ *See, e.g., Adam B. Cox & Cristina M. Rodríguez, The President and Immigration Law*, 119 Yale L.J. 458, 503–05 (2009) (describing Congress’s response to its dissatisfaction with the Executive’s use of parole power for refugee populations in the 1960s and

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Nonetheless, the nature of the Take Care duty does point to at least four general (and closely related) principles governing the permissible scope of enforcement discretion that we believe are particularly relevant here. First, enforcement decisions should reflect “factors which are peculiarly within [the enforcing agency’s] expertise.” *Chaney*, 470 U.S. at 831. Those factors may include considerations related to agency resources, such as “whether the agency has enough resources to undertake the action,” or “whether agency resources are best spent on this violation or another.” *Id.* Other relevant considerations may include “the proper ordering of [the agency’s] priorities,” *id.* at 832, and the agency’s assessment of “whether the particular enforcement action [at issue] best fits the agency’s overall policies,” *id.* at 831.

Second, the Executive cannot, under the guise of exercising enforcement discretion, attempt to effectively rewrite the laws to match its policy preferences. *See id.* at 833 (an agency may not “disregard legislative direction in the statutory scheme that [it] administers”). In other words, an agency’s enforcement decisions should be consonant with, rather than contrary to, the congressional policy underlying the statutes the agency is charged with administering. *Cf. Youngstown*, 343 U.S. at 637 (Jackson, J., concurring) (“When the President takes measures incompatible with the expressed or implied will of Congress, his power is at its lowest ebb.”); *Nat’l Ass’n of Home Builders v. Defenders of Wildlife*, 551 U.S. 644, 658 (2007) (explaining that where Congress has given an agency the power to administer a statutory scheme, a court will not vacate the agency’s decision about the proper administration of the statute unless, among other things, the agency “‘has relied on factors which Congress had not intended it to consider’” (quoting *Motor Vehicle Mfrs. Ass’n of U.S., Inc. v. State Farm Mut. Auto. Ins. Co.*, 463 U.S. 29, 43 (1983))).

Third, the Executive Branch ordinarily cannot, as the Court put it in *Chaney*, “‘consciously and expressly adopt[] a general policy’ that is so extreme as to amount to an abdication of its statutory responsibilities.” 470 U.S. at 833 n.4 (quoting *Adams v. Richardson*, 480 F.2d 1159, 1162 (D.C. Cir. 1973) (en banc)); *see id.* (noting that in situations where an agency had adopted such an extreme policy, “the statute conferring authority on the agency might indicate that such decisions were not ‘com-

1970s); *see also, e.g., infra* note 5 (discussing legislative limitations on voluntary departure and extended voluntary departure).

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mitted to agency discretion”). Abdication of the duties assigned to the agency by statute is ordinarily incompatible with the constitutional obligation to faithfully execute the laws. *But see, e.g., Presidential Authority to Decline to Execute Unconstitutional Statutes*, 18 Op. O.L.C. 199, 200 (1994) (noting that under the Take Care Clause, “the President is required to act in accordance with the laws—including the Constitution, which takes precedence over other forms of law”).

Finally, lower courts, following *Chaney*, have indicated that non-enforcement decisions are most comfortably characterized as judicially unreviewable exercises of enforcement discretion when they are made on a case-by-case basis. *See, e.g., Kenney v. Glickman*, 96 F.3d 1118, 1123 (8th Cir. 1996); *Crowley Caribbean Transp., Inc. v. Peña*, 37 F.3d 671, 676–77 (D.C. Cir. 1994). That reading of *Chaney* reflects a conclusion that case-by-case enforcement decisions generally avoid the concerns mentioned above. Courts have noted that “single-shot non-enforcement decisions” almost inevitably rest on “the sort of mingled assessments of fact, policy, and law . . . that are, as *Chaney* recognizes, peculiarly within the agency’s expertise and discretion.” *Crowley Caribbean Transp.*, 37 F.3d at 676–77 (emphasis omitted). Individual enforcement decisions made on the basis of case-specific factors are also unlikely to constitute “general polic[ies] that [are] so extreme as to amount to an abdication of [the agency’s] statutory responsibilities.” *Id.* at 677 (quoting *Chaney*, 477 U.S. at 833 n.4). That does not mean that all “general policies” respecting non-enforcement are categorically forbidden: Some “general policies” may, for example, merely provide a framework for making individualized, discretionary assessments about whether to initiate enforcement actions in particular cases. *Cf. Reno v. Flores*, 507 U.S. 292, 313 (1993) (explaining that an agency’s use of “reasonable presumptions and generic rules” is not incompatible with a requirement to make individualized determinations). But a general policy of non-enforcement that forecloses the exercise of case-by-case discretion poses “special risks” that the agency has exceeded the bounds of its enforcement discretion. *Crowley Caribbean Transp.*, 37 F.3d at 677.

B.

We now turn, against this backdrop, to DHS’s proposed prioritization policy. In their exercise of enforcement discretion, DHS and its predeces-

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sor, INS, have long employed guidance instructing immigration officers to prioritize the enforcement of the immigration laws against certain categories of aliens and to deprioritize their enforcement against others. *See, e.g.*, INS Operating Instructions § 103(a)(1)(i) (1962); Memorandum for All Field Office Directors, ICE, et al., from John Morton, Director, ICE, *Re: Exercising Prosecutorial Discretion Consistent with the Civil Immigration Enforcement Priorities of the Agency for the Apprehension, Detention, and Removal of Aliens* (June 17, 2011); Memorandum for All ICE Employees from John Morton, Director, ICE, *Re: Civil Immigration Enforcement: Priorities for the Apprehension, Detention, and Removal of Aliens* (Mar. 2, 2011); Memorandum for Regional Directors, INS, et al., from Doris Meissner, Commissioner, INS, *Re: Exercising Prosecutorial Discretion* (Nov. 17, 2000). The policy DHS proposes, which is similar to but would supersede earlier policy guidance, is designed to “provide clearer and more effective guidance in the pursuit” of DHS’s enforcement priorities: namely, “threats to national security, public safety and border security.” Johnson Prioritization Memorandum at 1.

Under the proposed policy, DHS would identify three categories of undocumented aliens who would be priorities for removal from the United States. *See generally id.* at 3–5. The highest priority category would include aliens who pose particularly serious threats to national security, border security, or public safety, including aliens engaged in or suspected of espionage or terrorism, aliens convicted of offenses related to participation in criminal street gangs, aliens convicted of certain felony offenses, and aliens apprehended at the border while attempting to enter the United States unlawfully. *See id.* at 3. The second-highest priority would include aliens convicted of multiple or significant misdemeanor offenses; aliens who are apprehended after unlawfully entering the United States who cannot establish that they have been continuously present in the United States since January 1, 2014; and aliens determined to have significantly abused the visa or visa waiver programs. *See id.* at 3–4. The third priority category would include other aliens who have been issued a final order of removal on or after January 1, 2014. *See id.* at 4. The policy would also provide that none of these aliens should be prioritized for removal if they “qualify for asylum or another form of relief under our laws.” *Id.* at 3–5.

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The policy would instruct that resources should be directed to these priority categories in a manner “commensurate with the level of prioritization identified.” *Id.* at 5. It would, however, also leave significant room for immigration officials to evaluate the circumstances of individual cases. *See id.* (stating that the policy “requires DHS personnel to exercise discretion based on individual circumstances”). For example, the policy would permit an ICE Field Office Director, CBP Sector Chief, or CBP Director of Field Operations to deprioritize the removal of an alien falling in the highest priority category if, in her judgment, “there are compelling and exceptional factors that clearly indicate the alien is not a threat to national security, border security, or public safety and should not therefore be an enforcement priority.” *Id.* at 3. Similar discretionary provisions would apply to aliens in the second and third priority categories.² The policy would also provide a non-exhaustive list of factors DHS personnel should consider in making such deprioritization judgments.³ In addition, the policy would expressly state that its terms should not be construed “to prohibit or discourage the apprehension, detention, or removal of aliens unlawfully in the United States who are not identified as priorities,” and would further provide that “[i]mmigration officers and attorneys may pursue removal of an alien not identified as a priority” if, “in the judgment of an ICE Field Office Director, removing such an alien would serve an important federal interest.” *Id.* at 5.

DHS has explained that the proposed policy is designed to respond to the practical reality that the number of aliens who are removable under

² Under the proposed policy, aliens in the second tier could be deprioritized if, “in the judgment of an ICE Field Office Director, CBP Sector Chief, CBP Director of Field Operations, USCIS District Director, or USCIS Service Center Director, there are factors indicating the alien is not a threat to national security, border security, or public safety, and should not therefore be an enforcement priority.” Johnson Prioritization Memorandum at 4. Aliens in the third tier could be deprioritized if, “in the judgment of an immigration officer, the alien is not a threat to the integrity of the immigration system or there are factors suggesting the alien should not be an enforcement priority.” *Id.* at 5.

³ These factors include “extenuating circumstances involving the offense of conviction; extended length of time since the offense of conviction; length of time in the United States; military service; family or community ties in the United States; status as a victim, witness or plaintiff in civil or criminal proceedings; or compelling humanitarian factors such as poor health, age, pregnancy, a young child or a seriously ill relative.” *Id.* at 6.

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the INA vastly exceeds the resources Congress has made available to DHS for processing and carrying out removals. The resource constraints are striking. As noted, DHS has informed us that there are approximately 11.3 million undocumented aliens in the country, but that Congress has appropriated sufficient resources for ICE to remove fewer than 400,000 aliens each year, a significant percentage of whom are typically encountered at or near the border rather than in the interior of the country. *See* E-mail for Karl R. Thompson, Principal Deputy Assistant Attorney General, Office of Legal Counsel, from David Shahouljian, Deputy General Counsel, DHS, *Re: Immigration Opinion* (Nov. 19, 2014) (“Shahouljian E-mail”). The proposed policy explains that, because DHS “cannot respond to all immigration violations or remove all persons illegally in the United States,” it seeks to “prioritize the use of enforcement personnel, detention space, and removal assets” to “ensure that use of its limited resources is devoted to the pursuit of” DHS’s highest priorities. Johnson Prioritization Memorandum at 2.

In our view, DHS’s proposed prioritization policy falls within the scope of its lawful discretion to enforce the immigration laws. To begin with, the policy is based on a factor clearly “within [DHS’s] expertise.” *Chaney*, 470 U.S. at 831. Faced with sharply limited resources, DHS necessarily must make choices about which removals to pursue and which removals to defer. DHS’s organic statute itself recognizes this inevitable fact, instructing the Secretary to establish “national immigration enforcement policies and priorities.” 6 U.S.C. § 202(5). And an agency’s need to ensure that scarce enforcement resources are used in an effective manner is a quintessential basis for the use of prosecutorial discretion. *See Chaney*, 470 U.S. at 831 (among the factors “peculiarly within [an agency’s] expertise” are “whether agency resources are best spent on this violation or another” and “whether the agency has enough resources to undertake the action at all”).

The policy DHS has proposed, moreover, is consistent with the removal priorities established by Congress. In appropriating funds for DHS’s enforcement activities—which, as noted, are sufficient to permit the removal of only a fraction of the undocumented aliens currently in the country—Congress has directed DHS to “prioritize the identification and removal of aliens convicted of a crime by the severity of that crime.”

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Department of Homeland Security Appropriations Act, 2014, Pub. L. No. 113-76, div. F, tit. II, 128 Stat. 5, 251 (“DHS Appropriations Act”). Consistent with this directive, the proposed policy prioritizes individuals convicted of criminal offenses involving active participation in a criminal street gang, most offenses classified as felonies in the convicting jurisdiction, offenses classified as “aggravated felonies” under the INA, and certain misdemeanor offenses. Johnson Prioritization Memorandum at 3–4. The policy ranks these priority categories according to the severity of the crime of conviction. The policy also prioritizes the removal of other categories of aliens who pose threats to national security or border security, matters about which Congress has demonstrated particular concern. *See, e.g.*, 8 U.S.C. § 1226(c)(1)(D) (providing for detention of aliens charged with removability on national security grounds); *id.* § 1225(b), (c) (providing for an expedited removal process for certain aliens apprehended at the border). The policy thus raises no concern that DHS has relied “on factors which Congress had not intended it to consider.” *Nat’l Ass’n of Home Builders*, 551 U.S. at 658.

Further, although the proposed policy is not a “single-shot non-enforcement decision,” neither does it amount to an abdication of DHS’s statutory responsibilities, or constitute a legislative rule overriding the commands of the substantive statute. *Crowley Caribbean Transp.*, 37 F.3d at 676–77. The proposed policy provides a general framework for exercising enforcement discretion in individual cases, rather than establishing an absolute, inflexible policy of not enforcing the immigration laws in certain categories of cases. Given that the resources Congress has allocated to DHS are sufficient to remove only a small fraction of the total population of undocumented aliens in the United States, setting forth written guidance about how resources should presumptively be allocated in particular cases is a reasonable means of ensuring that DHS’s severely limited resources are systematically directed to its highest priorities across a large and diverse agency, as well as ensuring consistency in the administration of the removal system. The proposed policy’s identification of categories of aliens who constitute removal priorities is also consistent with the categorical nature of Congress’s instruction to prioritize the removal of criminal aliens in the DHS Appropriations Act.

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And, significantly, the proposed policy does not identify any category of removable aliens whose removal may not be pursued under any circumstances. Although the proposed policy limits the discretion of immigration officials to expend resources to remove non-priority aliens, it does not eliminate that discretion entirely. It directs immigration officials to use their resources to remove aliens in a manner “commensurate with the level of prioritization identified,” but (as noted above) it does not “prohibit or discourage the apprehension, detention, or removal of aliens unlawfully in the United States who are not identified as priorities.” Johnson Prioritization Memorandum at 5. Instead, it authorizes the removal of even non-priority aliens if, in the judgment of an ICE Field Office Director, “removing such an alien would serve an important federal interest,” a standard the policy leaves open-ended. *Id.* Accordingly, the policy provides for case-by-case determinations about whether an individual alien’s circumstances warrant the expenditure of removal resources, employing a broad standard that leaves ample room for the exercise of individualized discretion by responsible officials. For these reasons, the proposed policy avoids the difficulties that might be raised by a more inflexible prioritization policy and dispels any concern that DHS has either undertaken to rewrite the immigration laws or abdicated its statutory responsibilities with respect to non-priority aliens.⁴

⁴ In *Crane v. Napolitano*, a district court recently concluded in a non-precedential opinion that the INA “mandates the initiation of removal proceedings whenever an immigration officer encounters an illegal alien who is not ‘clearly and beyond a doubt entitled to be admitted.’” No. 3:12-cv-03247-O, 2013 WL 1744422, at *5 (N.D. Tex. Apr. 23, 2013) (quoting 8 U.S.C. § 1225(b)(2)(A)). The court later dismissed the case for lack of jurisdiction. *See Crane v. Napolitano*, No. 3:12-cv-03247-O, 2013 WL 8211660, at *4 (N.D. Tex. July 31, 2013). Although the opinion lacks precedential value, we have nevertheless considered whether, as it suggests, the text of the INA categorically forecloses the exercise of enforcement discretion with respect to aliens who have not been formally admitted. The district court’s conclusion is, in our view, inconsistent with the Supreme Court’s reading of the INA as permitting immigration officials to exercise enforcement discretion at any stage of the removal process, including when deciding whether to initiate removal proceedings against a particular alien. *See Arizona*, 132 S. Ct. at 2499; *Am.-Arab Anti-Discrim. Comm.*, 525 U.S. at 483–84. It is also difficult to square with authority holding that the presence of mandatory language in a statute, standing alone, does not necessarily limit the Executive Branch’s enforcement discretion. *See, e.g., Chaney*, 470

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We turn next to the permissibility of DHS’s proposed deferred action programs for certain aliens who are parents of U.S. citizens, lawful permanent residents (“LPRs”), or DACA recipients, and who are not removal priorities under the proposed policy discussed above. We begin by discussing the history and current practice of deferred action. We then discuss the legal authorities on which deferred action relies and identify legal principles against which the proposed use of deferred action can be evaluated. Finally, we turn to an analysis of the proposed deferred action programs themselves, beginning with the program for parents of U.S. citizens and LPRs, and concluding with the program for parents of DACA recipients.

A.

In immigration law, the term “deferred action” refers to an exercise of administrative discretion in which immigration officials temporarily defer the removal of an alien unlawfully present in the United States. *Am.-Arab Anti-Discrim. Comm.*, 525 U.S. at 484 (citing 6 Charles Gordon et al., *Immigration Law and Procedure* § 72.03[2][h] (1998)); see USCIS, *Standard Operating Procedures for Handling Deferred Action Requests at USCIS Field Offices* at 3 (2012) (“USCIS SOP”); INS Operating Instructions § 103.1(a)(1)(ii) (1977). It is one of a number of forms of discretionary relief—in addition to such statutory and non-statutory measures as parole, temporary protected status, deferred enforced departure, and extended voluntary departure—that immigration officials have used over the years to temporarily prevent the removal of undocumented aliens.⁵

U.S. at 835; *Inmates of Attica Corr. Facility v. Rockefeller*, 477 F.2d 375, 381 (2d Cir. 1973).

⁵ Parole is available to aliens by statute “for urgent humanitarian reasons or significant public benefit.” 8 U.S.C. § 1182(d)(5)(A). Among other things, parole gives aliens the ability to adjust their status without leaving the United States if they are otherwise eligible for adjustment of status, *see id.* § 1255(a), and may eventually qualify them for federal means-tested benefits, *see id.* §§ 1613, 1641(b)(4). Temporary protected status is available to nationals of designated foreign states affected by armed conflicts, environmental disasters, and other extraordinary conditions. *Id.* § 1254a. Deferred enforced departure,

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The practice of granting deferred action dates back several decades. For many years after the INA was enacted, INS exercised prosecutorial discretion to grant “non-priority” status to removable aliens who presented “appealing humanitarian factors.” Letter for Leon Wildes from E.A. Loughran, Associate Commissioner, INS at 2 (July 16, 1973) (defining a “non-priority case” as “one in which the Service in the exercise of discretion determines that adverse action would be unconscionable because of appealing humanitarian factors”); *see* INS Operating Instructions § 103.1(a)(1)(ii) (1962). This form of administrative discretion was later termed “deferred action.” *Am.-Arab Anti-Discrim. Comm.*, 525 U.S. at 484; *see* INS Operating Instructions § 103.1(a)(1)(ii) (1977) (instructing immigration officers to recommend deferred action whenever “adverse action would be unconscionable because of the existence of appealing humanitarian factors”).

which “has no statutory basis” but rather is an exercise of “the President’s constitutional powers to conduct foreign relations,” may be granted to nationals of appropriate foreign states. USCIS, Adjudicator’s Field Manual § 38.2(a) (2014). Extended voluntary departure was a remedy derived from the voluntary departure statute, which, before its amendment in 1996, permitted the Attorney General to make a finding of removability if an alien agreed to voluntarily depart the United States, without imposing a time limit for the alien’s departure. *See* 8 U.S.C. §§ 1252(b), 1254(e) (1988 & Supp. II 1990); *cf.* 8 U.S.C. § 1229c (current provision of the INA providing authority to grant voluntary departure, but limiting such grants to 120 days). Some commentators, however, suggested that extended voluntary departure was in fact a form of “discretionary relief formulated administratively under the Attorney General’s general authority for enforcing immigration law.” Sharon Stephan, Cong. Research Serv., 85-599 EPW, *Extended Voluntary Departure and Other Grants of Blanket Relief from Deportation* at 1 (Feb. 23, 1985). It appears that extended voluntary departure is no longer used following enactment of the Immigration Act of 1990, which established the temporary protected status program. *See* U.S. Citizenship and Immigration Services Fee Schedule, 75 Fed. Reg. 33,446, 33,457 (June 11, 2010) (proposed rule) (noting that “since 1990 neither the Attorney General nor the Secretary have designated a class of aliens for nationality-based ‘extended voluntary departure,’ and there no longer are aliens in the United States benefiting from such a designation,” but noting that deferred enforced departure is still used); H.R. Rep. No. 102-123, at 2 (1991) (indicating that in establishing temporary protected status, Congress was “codif[ying] and supersed[ing]” extended voluntary departure). *See generally* Andorra Bruno et al., Cong. Research Serv., *Analysis of June 15, 2012 DHS Memorandum, Exercising Prosecutorial Discretion with Respect to Individuals Who Came to the United States as Children* at 5–10 (July 13, 2012) (“CRS Immigration Report”).

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Although the practice of granting deferred action “developed without express statutory authorization,” it has become a regular feature of the immigration removal system that has been acknowledged by both Congress and the Supreme Court. *Am.-Arab Anti-Discrim. Comm.*, 525 U.S. at 484 (internal quotation marks omitted); *see id.* at 485 (noting that a congressional enactment limiting judicial review of decisions “to commence proceedings, adjudicate cases, or execute removal orders against any alien under [the INA]” in 8 U.S.C. § 1252(g) “seems clearly designed to give some measure of protection to ‘no deferred action’ decisions and similar discretionary determinations”); *see also, e.g.*, 8 U.S.C. § 1154(a)(1)(D)(i)(II), (IV) (providing that certain individuals are “eligible for deferred action”). Deferred action “does not confer any immigration status”—i.e., it does not establish any enforceable legal right to remain in the United States—and it may be revoked by immigration authorities at their discretion. USCIS SOP at 3, 7. Assuming it is not revoked, however, it represents DHS’s decision not to seek the alien’s removal for a specified period of time.

Under longstanding regulations and policy guidance promulgated pursuant to statutory authority in the INA, deferred action recipients may receive two additional benefits. First, relying on DHS’s statutory authority to authorize certain aliens to work in the United States, DHS regulations permit recipients of deferred action to apply for work authorization if they can demonstrate an “economic necessity for employment.” 8 C.F.R. § 274a.12(c)(14); *see* 8 U.S.C. § 1324a(h)(3) (defining an “unauthorized alien” not entitled to work in the United States as an alien who is neither an LPR nor “authorized to be . . . employed by [the INA] or by the Attorney General [now the Secretary of Homeland Security]”). Second, DHS has promulgated regulations and issued policy guidance providing that aliens who receive deferred action will temporarily cease accruing “unlawful presence” for purposes of 8 U.S.C. § 1182(a)(9)(B)(i) and (a)(9)(C)(i)(I). 8 C.F.R. § 214.14(d)(3); 28 C.F.R. § 1100.35(b)(2); Memorandum for Field Leadership from Donald Neufeld, Acting Associate Director, Domestic Operations Directorate, USCIS, *Re: Consolidation of Guidance Concerning Unlawful Presence for Purposes of Sections 212(a)(9)(B)(i) and 212(a)(9)(C)(i)(I) of the Act* at 42 (May 6, 2009) (“USCIS Consolidation of Guidance”) (noting that “[a]ccrual of unlawful presence stops on the date an alien is granted

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deferred action”); *see* 8 U.S.C. § 1182(a)(9)(B)(ii) (providing that an alien is “unlawfully present” if, among other things, he “is present in the United States after the expiration of the period of stay authorized by the Attorney General”).⁶

Immigration officials today continue to grant deferred action in individual cases for humanitarian and other purposes, a practice we will refer to as “ad hoc deferred action.” Recent USCIS guidance provides that personnel may recommend ad hoc deferred action if they “encounter cases during [their] normal course of business that they feel warrant deferred action.” USCIS SOP at 4. An alien may also apply for ad hoc deferred action by submitting a signed, written request to USCIS containing “[a]n explanation as to why he or she is seeking deferred action” along with supporting documentation, proof of identity, and other records. *Id.* at 3.

For decades, INS and later DHS have also implemented broader programs that make discretionary relief from removal available for particular classes of aliens. In many instances, these agencies have made such broad-based relief available through the use of parole, temporary protected status, deferred enforced departure, or extended voluntary departure. For example, from 1956 to 1972, INS implemented an extended voluntary departure program for physically present aliens who were beneficiaries of approved visa petitions—known as “Third Preference” visa petitions—relating to a specific class of visas for Eastern Hemisphere natives. *See United States ex rel. Parco v. Morris*, 426 F. Supp. 976, 979–80 (E.D. Pa. 1977). Similarly, for several years beginning in 1978, INS granted extended voluntary departure to nurses who were eligible for H-1 visas. Voluntary Departure for Out-of-Status Nonimmigrant H-1 Nurses, 43 Fed. Reg. 2776, 2776 (Jan. 19, 1978). In addition, in more than two dozen instances dating to 1956, INS and later DHS granted parole, temporary protected status, deferred enforced departure, or extended voluntary departure to large numbers of nationals of designated foreign states.

⁶ Section 1182(a)(9)(B)(i) imposes three- and ten-year bars on the admission of aliens (other than aliens admitted to permanent residence) who departed or were removed from the United States after periods of unlawful presence of between 180 days and one year, or one year or more. Section 1182(a)(9)(C)(i)(I) imposes an indefinite bar on the admission of any alien who, without being admitted, enters or attempts to reenter the United States after previously having been unlawfully present in the United States for an aggregate period of more than one year.

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See, e.g., CRS Immigration Report at 20–23; Cong. Research Serv., ED206779, *Review of U.S. Refugee Resettlement Programs and Policies* at 9, 12–14 (1980). And in 1990, INS implemented a “Family Fairness” program that authorized granting extended voluntary departure and work authorization to the estimated 1.5 million spouses and children of aliens who had been granted legal status under the Immigration Reform and Control Act of 1986 (“IRCA”), Pub. L. No. 99-603, 100 Stat. 3359. *See* Memorandum for Regional Commissioners, INS, from Gene McNary, Commissioner, INS, *Re: Family Fairness: Guidelines for Voluntary Departure Under 8 CFR 242.5 for the Ineligible Spouses and Children of Legalized Aliens* (Feb. 2, 1990) (“Family Fairness Memorandum”); *see also* CRS Immigration Report at 10.

On at least five occasions since the late 1990s, INS and later DHS have also made discretionary relief available to certain classes of aliens through the use of deferred action:

1. Deferred Action for Battered Aliens Under the Violence Against Women Act. INS established a class-based deferred action program in 1997 for the benefit of self-petitioners under the Violence Against Women Act of 1994 (“VAWA”), Pub. L. No. 103-322, tit. IV, 108 Stat. 1796, 1902. VAWA authorized certain aliens who have been abused by U.S. citizen or LPR spouses or parents to self-petition for lawful immigration status, without having to rely on their abusive family members to petition on their behalf. *Id.* § 40701(a) (codified as amended at 8 U.S.C. § 1154(a)(1)(A)(iii)–(iv), (vii)). The INS program required immigration officers who approved a VAWA self-petition to assess, “on a case-by-case basis, whether to place the alien in deferred action status” while the alien waited for a visa to become available. Memorandum for Regional Directors et al., INS, from Paul W. Virtue, Acting Executive Associate Commissioner, INS, *Re: Supplemental Guidance on Battered Alien Self-Petitioning Process and Related Issues* at 3 (May 6, 1997). INS noted that “[b]y their nature, VAWA cases generally possess factors that warrant consideration for deferred action.” *Id.* But because “[i]n an unusual case, there may be factors present that would militate against deferred action,” the agency instructed officers that requests for deferred action should still “receive individual scrutiny.” *Id.* In 2000, INS reported to Congress that, because of this program, no approved VAWA self-petitioner had been removed from the country. *See Battered Women*

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Immigrant Protection Act: Hearings on H.R. 3083 Before the Subcomm. on Immigration & Claims of the H. Comm. on the Judiciary, 106th Cong. at 43 (July 20, 2000) (“H.R. 3083 Hearings”).

2. Deferred Action for T and U Visa Applicants. Several years later, INS instituted a similar deferred action program for applicants for nonimmigrant status or visas made available under the Victims of Trafficking and Violence Protection Act of 2000 (“VTVPA”), Pub. L. No. 106-386, 114 Stat. 1464. That Act created two new nonimmigrant classifications: a “T visa” available to victims of human trafficking and their family members, and a “U visa” for victims of certain other crimes and their family members. *Id.* §§ 107(e), 1513(b)(3) (codified at 8 U.S.C. § 1101(a)(15)(T)(i), (U)(i)). In 2001, INS issued a memorandum directing immigration officers to locate “possible victims in the above categories,” and to use “[e]xisting authority and mechanisms such as parole, deferred action, and stays of removal” to prevent those victims’ removal “until they have had the opportunity to avail themselves of the provisions of the VTVPA.” Memorandum for Michael A. Pearson, Executive Associate Commissioner, INS, from Michael D. Cronin, Acting Executive Associate Commissioner, INS, *Re: Victims of Trafficking and Violence Protection Act of 2000 (VTVPA) Policy Memorandum #2—“T” and “U” Nonimmigrant Visas* at 2 (Aug. 30, 2001). In subsequent memoranda, INS instructed officers to make “deferred action assessment[s]” for “all [T visa] applicants whose applications have been determined to be bona fide,” Memorandum for Johnny N. Williams, Executive Associate Commissioner, INS, from Stuart Anderson, Executive Associate Commissioner, INS, *Re: Deferred Action for Aliens with Bona Fide Applications for T Nonimmigrant Status* at 1 (May 8, 2002), as well as for all U visa applicants “determined to have submitted *prima facie* evidence of [their] eligibility,” Memorandum for the Director, Vermont Service Center, INS, from William R. Yates, USCIS, *Re: Centralization of Interim Relief for U Nonimmigrant Status Applicants* at 5 (Oct. 8, 2003). In 2002 and 2007, INS and DHS promulgated regulations embodying these policies. *See* 8 C.F.R. § 214.11(k)(1), (k)(4), (m)(2) (promulgated by New Classification for Victims of Severe Forms of Trafficking in Persons; Eligibility for “T” Nonimmigrant Status, 67 Fed. Reg. 4784, 4800–01 (Jan. 31, 2002)) (providing that any T visa applicant who presents “*prima facie* evidence” of his eligibility should have his removal “automatically stay[ed]” and

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that applicants placed on a waiting list for visas “shall maintain [their] current means to prevent removal (deferred action, parole, or stay of removal)”; *id.* § 214.14(d)(2) (promulgated by New Classification for Victims of Criminal Activity; Eligibility for “U” Nonimmigrant Status, 72 Fed. Reg. 53,014, 53,039 (Sept. 17, 2007)) (“USCIS will grant deferred action or parole to U-1 petitioners and qualifying family members while the U-1 petitioners are on the waiting list” for visas).

3. Deferred Action for Foreign Students Affected by Hurricane Katrina. As a consequence of the devastation caused by Hurricane Katrina in 2005, several thousand foreign students became temporarily unable to satisfy the requirements for maintaining their lawful status as F-1 nonimmigrant students, which include “pursuit of a ‘full course of study.’” USCIS, *Interim Relief for Certain Foreign Academic Students Adversely Affected by Hurricane Katrina: Frequently Asked Questions (FAQ)* at 1 (Nov. 25, 2005) (quoting 8 C.F.R. § 214.2(f)(6)), <http://www.uscis.gov/sites/default/files/USCIS/Humanitarian/Special%20Situations/Previous%20Special%20Situations%20By%20Topic/faq-interim-student-relief-hurricane-katrina.pdf> (last visited Nov. 19, 2014). DHS announced that it would grant deferred action to these students “based on the fact that [their] failure to maintain status is directly due to Hurricane Katrina.” *Id.* at 7. To apply for deferred action under this program, students were required to send a letter substantiating their need for deferred action, along with an application for work authorization. Press Release, USCIS, *USCIS Announces Interim Relief for Foreign Students Adversely Impacted by Hurricane Katrina* at 1–2 (Nov. 25, 2005), http://www.uscis.gov/sites/default/files/files/pressrelease/F1Student_11_25_05_PR.pdf (last visited Nov. 19, 2014). USCIS explained that such requests for deferred action would be “decided on a case-by-case basis” and that it could not “provide any assurance that all such requests will be granted.” *Id.* at 1.

4. Deferred Action for Widows and Widowers of U.S. Citizens. In 2009, DHS implemented a deferred action program for certain widows and widowers of U.S. citizens. USCIS explained that “no avenue of immigration relief exists for the surviving spouse of a deceased U.S. citizen if the surviving spouse and the U.S. citizen were married less than 2 years at the time of the citizen’s death” and USCIS had not yet adjudicated a visa petition on the spouse’s behalf. Memorandum for Field Lead-

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ership, USCIS, from Donald Neufeld, Acting Associate Director, USCIS, *Re: Guidance Regarding Surviving Spouses of Deceased U.S. Citizens and Their Children* at 1 (Sept. 4, 2009). “In order to address humanitarian concerns arising from cases involving surviving spouses of U.S. citizens,” USCIS issued guidance permitting covered surviving spouses and “their qualifying children who are residing in the United States” to apply for deferred action. *Id.* at 2, 6. USCIS clarified that such relief would not be automatic, but rather would be unavailable in the presence of, for example, “serious adverse factors, such as national security concerns, significant immigration fraud, commission of other crimes, or public safety reasons.” *Id.* at 6.⁷

5. Deferred Action for Childhood Arrivals. Announced by DHS in 2012, DACA makes deferred action available to “certain young people who were brought to this country as children” and therefore “[a]s a general matter . . . lacked the intent to violate the law.” Memorandum for David Aguilar, Acting Commissioner, CBP, et al., from Janet Napolitano, Secretary, DHS, *Re: Exercising Prosecutorial Discretion with Respect to Individuals Who Came to the United States as Children* at 1 (June 15, 2012) (“Napolitano Memorandum”). An alien is eligible for DACA if she was under the age of 31 when the program began; arrived in the United States before the age of 16; continuously resided in the United States for at least 5 years immediately preceding June 15, 2012; was physically present on June 15, 2012; satisfies certain educational or military service requirements; and neither has a serious criminal history nor “poses a threat to national security or public safety.” *See id.* DHS evaluates applicants’ eligibility for DACA on a case-by-case basis. *See id.* at 2; USCIS, *Deferred Action for Childhood Arrivals (DACA) Toolkit: Resources for Community Partners* at 11 (“DACA Toolkit”). Successful DACA appli-

⁷ Several months after the deferred action program was announced, Congress eliminated the requirement that an alien be married to a U.S. citizen “for at least 2 years at the time of the citizen’s death” to retain his or her eligibility for lawful immigration status. Department of Homeland Security Appropriations Act, 2010, Pub. L. No. 111-83, § 568(c), 123 Stat. 2142, 2186 (2009). Concluding that this legislation rendered its surviving spouse guidance “obsolete,” USCIS withdrew its earlier guidance and treated all pending applications for deferred action as visa petitions. *See* Memorandum for Executive Leadership, USCIS, from Donald Neufeld, Acting Associate Director, USCIS, et al., *Re: Additional Guidance Regarding Surviving Spouses of Deceased U.S. Citizens and Their Children (REVISED)* at 3, 10 (Dec. 2, 2009).

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cants receive deferred action for a period of two years, subject to renewal. *See* DACA Toolkit at 11. DHS has stated that grants of deferred action under DACA may be terminated at any time, *id.* at 16, and “confer[] no substantive right, immigration status or pathway to citizenship,” *Napolitano Memorandum* at 3.⁸

Congress has long been aware of the practice of granting deferred action, including in its categorical variety, and of its salient features; and it has never acted to disapprove or limit the practice.⁹ On the contrary, it has enacted several pieces of legislation that have either assumed that deferred action would be available in certain circumstances, or expressly directed that deferred action be extended to certain categories of aliens. For example, as Congress was considering VAWA reauthorization

⁸ Before DACA was announced, our Office was consulted about whether such a program would be legally permissible. As we orally advised, our preliminary view was that such a program would be permissible, provided that immigration officials retained discretion to evaluate each application on an individualized basis. We noted that immigration officials typically consider factors such as having been brought to the United States as a child in exercising their discretion to grant deferred action in individual cases. We explained, however, that extending deferred action to individuals who satisfied these and other specified criteria on a class-wide basis would raise distinct questions not implicated by ad hoc grants of deferred action. We advised that it was critical that, like past policies that made deferred action available to certain classes of aliens, the DACA program require immigration officials to evaluate each application for deferred action on a case-by-case basis, rather than granting deferred action automatically to all applicants who satisfied the threshold eligibility criteria. We also noted that, although the proposed program was predicated on humanitarian concerns that appeared less particularized and acute than those underlying certain prior class-wide deferred action programs, the concerns animating DACA were nonetheless consistent with the types of concerns that have customarily guided the exercise of immigration enforcement discretion.

⁹ Congress has considered legislation that would limit the practice of granting deferred action, but it has never enacted such a measure. In 2011, a bill was introduced in both the House and the Senate that would have temporarily suspended DHS’s authority to grant deferred action except in narrow circumstances. *See* H.R. 2497, 112th Cong. (2011); S. 1380, 112th Cong. (2011). Neither chamber, however, voted on the bill. This year, the House passed a bill that purported to bar any funding for DACA or other class-wide deferred action programs, H.R. 5272, 113th Cong. (2014), but the Senate has not considered the legislation. Because the Supreme Court has instructed that unenacted legislation is an unreliable indicator of legislative intent, *see Red Lion Broad. Co. v. FCC*, 395 U.S. 367, 381 n.11 (1969), we do not draw any inference regarding congressional policy from these unenacted bills.

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legislation in 2000, INS officials testified before Congress about their deferred action program for VAWA self-petitioners, explaining that “[a]pproved [VAWA] self-petitioners are placed in deferred action status,” such that “[n]o battered alien who has filed a[n approved] self petition . . . has been deported.” H.R. 3083 Hearings at 43. Congress responded by not only acknowledging but also expanding the deferred action program in the 2000 VAWA reauthorization legislation, providing that children who could no longer self-petition under VAWA because they were over the age of 21 would nonetheless be “eligible for deferred action and work authorization.” VTPVA § 1503(d)(2), 114 Stat. at 1522 (codified at 8 U.S.C. § 1154(a)(1)(D)(i)(II), (IV)).¹⁰

Congress demonstrated a similar awareness of INS’s (and later DHS’s) deferred action program for bona fide T and U visa applicants. As discussed above, that program made deferred action available to nearly all individuals who could make a prima facie showing of eligibility for a T or U visa. In 2008 legislation, Congress authorized DHS to “grant . . . an administrative stay of a final order of removal” to any such individual. William Wilberforce Trafficking Victims Protection Reauthorization Act of 2008, Pub. L. No. 110-457, § 204, 122 Stat. 5044, 5060 (codified at 8 U.S.C. § 1227(d)(1)). Congress further clarified that “[t]he denial of a request for an administrative stay of removal under this subsection shall not preclude the alien from applying for . . . deferred action.” *Id.* It also directed DHS to compile a report detailing, among other things, how long DHS’s “specially trained [VAWA] Unit at the [USCIS] Vermont Service Center” took to adjudicate victim-based immigration applications for “deferred action,” along with “steps taken to improve in this area.” *Id.* § 238. Representative Berman, the bill’s sponsor, explained that the Vermont Service Center should “strive to issue work authorization and deferred action” to “[i]mmigrant victims of domestic violence, sexual

¹⁰ Five years later, in the Violence Against Women and Department of Justice Reauthorization Act of 2005, Pub. L. No. 109-162, 119 Stat. 2960, Congress specified that, “[u]pon the approval of a petition as a VAWA self-petitioner, the alien . . . is eligible for work authorization.” *Id.* § 814(b) (codified at 8 U.S.C. § 1154(a)(1)(K)). One of the Act’s sponsors explained that while this provision was intended to “give[] DHS statutory authority to grant work authorization . . . without having to rely upon deferred action . . . [t]he current practice of granting deferred action to approved VAWA self-petitioners should continue.” 151 Cong. Rec. 29,334 (2005) (statement of Rep. Conyers).

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assault and other violence crimes . . . in most instances within 60 days of filing.” 154 Cong. Rec. 24,603 (2008).

In addition, in other enactments, Congress has specified that certain classes of individuals should be made “eligible for deferred action.” These classes include certain immediate family members of LPRs who were killed on September 11, 2001, USA PATRIOT Act of 2001, Pub. L. No. 107-56, § 423(b), 115 Stat. 272, 361, and certain immediate family members of certain U.S. citizens killed in combat, National Defense Authorization Act for Fiscal Year 2004, Pub. L. No. 108-136, § 1703(c)–(d), 117 Stat. 1392, 1694 (2003). In the same legislation, Congress made these individuals eligible to obtain lawful status as “family-sponsored immigrant[s]” or “immediate relative[s]” of U.S. citizens. Pub. L. No. 107-56, § 423(b), 115 Stat. at 361; Pub. L. No. 108-136, § 1703(c)(1)(A), 117 Stat. at 1694. *See generally Scialabba v. Cuellar de Osorio*, 134 S. Ct. 2191, 2197 (2014) (plurality opinion) (explaining which aliens typically qualify as family-sponsored immigrants or immediate relatives).

Finally, Congress acknowledged the practice of granting deferred action in the REAL ID Act of 2005, Pub. L. No. 109-13, div. B, 119 Stat. 231, 302 (codified at 49 U.S.C. § 30301 note), which makes a state-issued driver’s license or identification card acceptable for federal purposes only if the state verifies, among other things, that the card’s recipient has “[e]vidence of [l]awful [s]tatus.” Congress specified that, for this purpose, acceptable evidence of lawful status includes proof of, among other things, citizenship, lawful permanent or temporary residence, or “approved deferred action status.” *Id.* § 202(c)(2)(B)(viii).

B.

The practice of granting deferred action, like the practice of setting enforcement priorities, is an exercise of enforcement discretion rooted in DHS’s authority to enforce the immigration laws and the President’s duty to take care that the laws are faithfully executed. It is one of several mechanisms by which immigration officials, against a backdrop of limited enforcement resources, exercise their “broad discretion” to administer the removal system—and, more specifically, their discretion to determine whether “it makes sense to pursue removal” in particular circumstances. *Arizona*, 132 S. Ct. at 2499.

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Deferred action, however, differs in at least three respects from more familiar and widespread exercises of enforcement discretion. First, unlike (for example) the paradigmatic exercise of prosecutorial discretion in a criminal case, the conferral of deferred action does not represent a decision not to prosecute an individual for past unlawful conduct; it instead represents a decision to openly tolerate an undocumented alien's continued presence in the United States for a fixed period (subject to revocation at the agency's discretion). Second, unlike most exercises of enforcement discretion, deferred action carries with it benefits in addition to non-enforcement itself; specifically, the ability to seek employment authorization and suspension of unlawful presence for purposes of 8 U.S.C. § 1182(a)(9)(B)(i) and (a)(9)(C)(i)(I). Third, class-based deferred action programs, like those for VAWA recipients and victims of Hurricane Katrina, do not merely enable individual immigration officials to select deserving beneficiaries from among those aliens who have been identified or apprehended for possible removal—as is the case with ad hoc deferred action—but rather set forth certain threshold eligibility criteria and then invite individuals who satisfy these criteria to apply for deferred action status.

While these features of deferred action are somewhat unusual among exercises of enforcement discretion, the differences between deferred action and other exercises of enforcement discretion are less significant than they might initially appear. The first feature—the toleration of an alien's continued unlawful presence—is an inevitable element of almost any exercise of discretion in immigration enforcement. Any decision not to remove an unlawfully present alien—even through an exercise of routine enforcement discretion—necessarily carries with it a tacit acknowledgment that the alien will continue to be present in the United States without legal status. Deferred action arguably goes beyond such tacit acknowledgment by expressly communicating to the alien that his or her unlawful presence will be tolerated for a prescribed period of time. This difference is not, in our view, insignificant. But neither does it fundamentally transform deferred action into something other than an exercise of enforcement discretion: As we have previously noted, deferred action confers no lawful immigration status, provides no path to lawful permanent residence or citizenship, and is revocable at any time in the agency's discretion.

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With respect to the second feature, the additional benefits deferred action confers—the ability to apply for work authorization and the tolling of unlawful presence—do not depend on background principles of agency discretion under DHS’s general immigration authorities or the Take Care Clause at all, but rather depend on independent and more specific statutory authority rooted in the text of the INA. The first of those authorities, DHS’s power to prescribe which aliens are authorized to work in the United States, is grounded in 8 U.S.C. § 1324a(h)(3), which defines an “unauthorized alien” not entitled to work in the United States as an alien who is neither an LPR nor “authorized to be . . . employed by [the INA] or by the Attorney General [now the Secretary of Homeland Security].” This statutory provision has long been understood to recognize the authority of the Secretary (and the Attorney General before him) to grant work authorization to particular classes of aliens. *See* 8 C.F.R. § 274a.12; *see also Perales v. Casillas*, 903 F.2d 1043, 1048–50 (5th Cir. 1990) (describing the authority recognized by section 1324a(h)(3) as “permissive” and largely “unfettered”).¹¹ Although the INA requires the

¹¹ Section 1324a(h)(3) was enacted in 1986 as part of IRCA. Before then, the INA contained no provisions comprehensively addressing the employment of aliens or expressly delegating the authority to regulate the employment of aliens to a responsible federal agency. INS assumed the authority to prescribe the classes of aliens authorized to work in the United States under its general responsibility to administer the immigration laws. In 1981, INS promulgated regulations codifying its existing procedures and criteria for granting employment authorization. *See* Employment Authorization to Aliens in the United States, 46 Fed. Reg. 25,079, 25,080–81 (May 5, 1981) (citing 8 U.S.C. § 1103(a)). Those regulations permitted certain categories of aliens who lacked lawful immigration status, including deferred action recipients, to apply for work authorization under certain circumstances. 8 C.F.R. § 109.1(b)(7) (1982). In IRCA, Congress introduced a “comprehensive scheme prohibiting the employment of illegal aliens in the United States,” *Hoffman Plastic Compounds, Inc. v. NLRB*, 535 U.S. 137, 147 (2002), to be enforced primarily through criminal and civil penalties on employers who knowingly employ an “unauthorized alien.” As relevant here, Congress defined an “unauthorized alien” barred from employment in the United States as an alien who “is not . . . either (A) an alien lawfully admitted for permanent residence, or (B) authorized to be so employed by this chapter or by the Attorney General.” 8 U.S.C. § 1324a(h)(3) (emphasis added). Shortly after IRCA was enacted, INS denied a petition to rescind its employment authorization regulation, rejecting an argument that “the phrase ‘authorized to be so employed by this Act or the Attorney General’ does not recognize the Attorney General’s authority to grant work authorization except to those aliens who have already been granted specific authorization by the Act.” Employment Authorization; Classes of Aliens Eligible, 52 Fed. Reg.

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Secretary to grant work authorization to particular classes of aliens, *see, e.g.*, 8 U.S.C. § 1158(c)(1)(B) (aliens granted asylum), it places few limitations on the Secretary’s authority to grant work authorization to other classes of aliens. Further, and notably, additional provisions of the INA expressly contemplate that the Secretary may grant work authorization to aliens lacking lawful immigration status—even those who are in active removal proceedings or, in certain circumstances, those who have already received final orders of removal. *See id.* § 1226(a)(3) (permitting the Secretary to grant work authorization to an otherwise work-eligible alien who has been arrested and detained pending a decision whether to remove the alien from the United States); *id.* § 1231(a)(7) (permitting the Secretary under certain narrow circumstances to grant work authorization to aliens who have received final orders of removal). Consistent with these provisions, the Secretary has long permitted certain additional classes of aliens who lack lawful immigration status to apply for work authorization, including deferred action recipients who can demonstrate an economic necessity for employment. *See* 8 C.F.R. § 274a.12(c)(14); *see also id.* § 274a.12(c)(8) (applicants for asylum), (c)(10) (applicants for cancellation of removal); *supra* note 11 (discussing 1981 regulations).

The Secretary’s authority to suspend the accrual of unlawful presence of deferred action recipients is similarly grounded in the INA. The relevant statutory provision treats an alien as “unlawfully present” for purposes of 8 U.S.C. § 1182(a)(9)(B)(i) and (a)(9)(C)(i)(I) if he “is present in the United States after the expiration of the period of stay authorized by the Attorney General.” 8 U.S.C. § 1182(a)(9)(B)(ii). That language contemplates that the Attorney General (and now the Secretary) may authorize an alien to stay in the United States without accruing unlawful pres-

46,092, 46,093 (Dec. 4, 1987). Because the same statutory phrase refers both to aliens authorized to be employed by the INA and aliens authorized to be employed by the Attorney General, INS concluded that the only way to give effect to both references is to conclude “that Congress, being fully aware of the Attorney General’s authority to promulgate regulations, and approving of the manner in which he has exercised that authority in this matter, defined ‘unauthorized alien’ in such fashion as to exclude aliens who have been authorized employment by the Attorney General through the regulatory process, in addition to those who are authorized employment by statute.” *Id.*; *see Commodity Futures Trading Comm’n v. Schor*, 478 U.S. 833, 844 (1986) (stating that “considerable weight must be accorded” an agency’s “contemporaneous interpretation of the statute it is entrusted to administer”).

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ence under section 1182(a)(9)(B)(i) or (a)(9)(C)(i). And DHS regulations and policy guidance interpret a “period of stay authorized by the Attorney General” to include periods during which an alien has been granted deferred action. *See* 8 C.F.R. § 214.14(d)(3); 28 C.F.R. § 1100.35(b)(2); USCIS Consolidation of Guidance at 42.

The final unusual feature of deferred action programs is particular to class-based programs. The breadth of such programs, in combination with the first two features of deferred action, may raise particular concerns about whether immigration officials have undertaken to substantively change the statutory removal system rather than simply adapting its application to individual circumstances. But the salient feature of class-based programs—the establishment of an affirmative application process with threshold eligibility criteria—does not in and of itself cross the line between executing the law and rewriting it. Although every class-wide deferred action program that has been implemented to date has established certain threshold eligibility criteria, each program has also left room for case-by-case determinations, giving immigration officials discretion to deny applications even if the applicant fulfills all of the program criteria. *See supra* pp. 57–61. Like the establishment of enforcement priorities discussed in Part I, the establishment of threshold eligibility criteria can serve to avoid arbitrary enforcement decisions by individual officers, thereby furthering the goal of ensuring consistency across a large agency. The guarantee of individualized, case-by-case review helps avoid potential concerns that, in establishing such eligibility criteria, the Executive is attempting to rewrite the law by defining new categories of aliens who are automatically entitled to particular immigration relief. *See Crowley Caribbean Transp.*, 37 F.3d at 676–77; *see also Chaney*, 470 U.S. at 833 n.4. Furthermore, while permitting potentially eligible individuals to apply for an exercise of enforcement discretion is not especially common, many law enforcement agencies have developed programs that invite violators of the law to identify themselves to the authorities in exchange for leniency.¹²

¹² For example, since 1978, the Department of Justice’s Antitrust Division has implemented a “leniency program” under which a corporation that reveals an antitrust conspiracy in which it participated may receive a conditional promise that it will not be prosecuted. *See* Dep’t of Justice, *Frequently Asked Questions Regarding the Antitrust Division’s Leniency Program and Model Leniency Letters* (Nov. 19, 2008), <http://www.justice.gov/atr/public/criminal/239583.pdf> (last visited Nov. 19, 2014); *see also* Internal Revenue

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Much as is the case with those programs, inviting eligible aliens to identify themselves through an application process may serve the agency’s law enforcement interests by encouraging lower-priority individuals to identify themselves to the agency. In so doing, the process may enable the agency to better focus its scarce resources on higher enforcement priorities.

Apart from the considerations just discussed, perhaps the clearest indication that these features of deferred action programs are not per se impermissible is the fact that Congress, aware of these features, has repeatedly enacted legislation appearing to endorse such programs. As discussed above, Congress has not only directed that certain classes of aliens be made eligible for deferred action programs—and in at least one instance, in the case of VAWA beneficiaries, directed the expansion of an existing program—but also ranked evidence of approved deferred action status as evidence of “lawful status” for purposes of the REAL ID Act. These enactments strongly suggest that when DHS in the past has decided to grant deferred action to an individual or class of individuals, it has been acting in a manner consistent with congressional policy “‘rather than embarking on a frolic of its own.’” *United States v. Riverside Bayview Homes, Inc.*, 474 U.S. 121, 139 (1985) (quoting *Red Lion Broad. Co. v. FCC*, 395 U.S. 367, 375 (1969)); *cf. id.* at 137–39 (concluding that Congress acquiesced in an agency’s assertion of regulatory authority by “refus[ing] . . . to overrule” the agency’s view after it was specifically “brought to Congress’[s] attention,” and further finding implicit congressional approval in legislation that appeared to acknowledge the regulatory authority in question); *Dames & Moore v. Regan*, 453 U.S. 654, 680 (1981) (finding that Congress “implicitly approved the practice of claim settlement by executive agreement” by enacting the International Claims Settlement Act of 1949, which “create[d] a procedure to implement” those very agreements).

Manual § 9.5.11.9(2) (Revised IRS Voluntary Disclosure Practice), <http://www.irs.gov/uac/Revised-IRS-Voluntary-Disclosure-Practice> (last visited Nov. 19, 2014) (explaining that a taxpayer’s voluntary disclosure of misreported tax information “may result in prosecution not being recommended”); U.S. Marshals Service, *Fugitive Safe Surrender FAQs*, <http://www.usmarshals.gov/safesurrender/faqs.html> (last visited Nov. 19, 2014) (stating that fugitives who surrender at designated sites and times under the “Fugitive Safe Surrender” program are likely to receive “favorable consideration”).

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Congress's apparent endorsement of certain deferred action programs does not mean, of course, that a deferred action program can be lawfully extended to any group of aliens, no matter its characteristics or its scope, and no matter the circumstances in which the program is implemented. Because deferred action, like the prioritization policy discussed above, is an exercise of enforcement discretion rooted in the Secretary's broad authority to enforce the immigration laws and the President's duty to take care that the laws are faithfully executed, it is subject to the same four general principles previously discussed. *See supra* pp. 46–47. Thus, any expansion of deferred action to new classes of aliens must be carefully scrutinized to ensure that it reflects considerations within the agency's expertise, and that it does not seek to effectively rewrite the laws to match the Executive's policy preferences, but rather operates in a manner consonant with congressional policy expressed in the statute. *See supra* p. 46 (citing *Youngstown*, 343 U.S. at 637, and *Nat'l Ass'n of Home Builders*, 551 U.S. at 658). Immigration officials cannot abdicate their statutory responsibilities under the guise of exercising enforcement discretion. *See supra* pp. 46–47 (citing *Chaney*, 470 U.S. at 833 n.4). And any new deferred action program should leave room for individualized evaluation of whether a particular case warrants the expenditure of resources for enforcement. *See supra* p. 47 (citing *Glickman*, 96 F.3d at 1123, and *Crowley Caribbean Transp.*, 37 F.3d at 676–77).

Furthermore, because deferred action programs depart in certain respects from more familiar and widespread exercises of enforcement discretion, particularly careful examination is needed to ensure that any proposed expansion of deferred action complies with these general principles, so that the proposed program does not, in effect, cross the line between executing the law and rewriting it. In analyzing whether the proposed programs cross this line, we will draw substantial guidance from Congress's history of legislation concerning deferred action. In the absence of express statutory guidance, the nature of deferred action programs Congress has implicitly approved by statute helps to shed light on Congress's own understandings about the permissible uses of deferred action. Those understandings, in turn, help to inform our consideration of whether the proposed deferred action programs are “faithful[]” to the statutory scheme Congress has enacted. U.S. Const. art. II, § 3.

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C.

We now turn to the specifics of DHS’s proposed deferred action programs. DHS has proposed implementing a policy under which an alien could apply for, and would be eligible to receive, deferred action if he or she: (1) is not an enforcement priority under DHS policy; (2) has continuously resided in the United States since before January 1, 2010; (3) is physically present in the United States both when DHS announces its program and at the time of application for deferred action; (4) has a child who is a U.S. citizen or LPR; and (5) presents “no other factors that, in the exercise of discretion, make[] the grant of deferred action inappropriate.” Johnson Deferred Action Memorandum at 4. You have also asked about the permissibility of a similar program that would be open to parents of children who have received deferred action under the DACA program. We first address DHS’s proposal to implement a deferred action program for the parents of U.S. citizens and LPRs, and then turn to the permissibility of the program for parents of DACA recipients in the next subsection.

1.

We begin by considering whether the proposed program for the parents of U.S. citizens and LPRs reflects considerations within the agency’s expertise. DHS has offered two justifications for the proposed program for the parents of U.S. citizens and LPRs. First, as noted above, severe resource constraints make it inevitable that DHS will not remove the vast majority of aliens who are unlawfully present in the United States. Consistent with Congress’s instruction, DHS prioritizes the removal of individuals who have significant criminal records, as well as others who present dangers to national security, public safety, or border security. *See supra* pp. 50–51. Parents with longstanding ties to the country and who have no significant criminal records or other risk factors rank among the agency’s lowest enforcement priorities; absent significant increases in funding, the likelihood that any individual in that category will be determined to warrant the expenditure of severely limited enforcement resources is very low. Second, DHS has explained that the program would serve an important humanitarian interest in keeping parents together with children who are lawfully present in the United States, in situations where

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such parents have demonstrated significant ties to community and family in this country. *See* Shahoulian E-mail.

With respect to DHS's first justification, the need to efficiently allocate scarce enforcement resources is a quintessential basis for an agency's exercise of enforcement discretion. *See Chaney*, 470 U.S. at 831. Because, as discussed earlier, Congress has appropriated only a small fraction of the funds needed for full enforcement, DHS can remove no more than a small fraction of the individuals who are removable under the immigration laws. *See supra* p. 49. The agency must therefore make choices about which violations of the immigration laws it will prioritize and pursue. And as *Chaney* makes clear, such choices are entrusted largely to the Executive's discretion. 470 U.S. at 831.

The deferred action program DHS proposes would not, of course, be costless. Processing applications for deferred action and its renewal requires manpower and resources. *See Arizona*, 132 S. Ct. at 2521 (Scalia, J., concurring in part and dissenting in part). But DHS has informed us that the costs of administering the proposed program would be borne almost entirely by USCIS through the collection of application fees. *See* Shahoulian E-mail; *see also* 8 U.S.C. § 1356(m); 8 C.F.R. § 103.7(b)(1)(i)(C), (b)(1)(i)(HH). DHS has indicated that the costs of administering the deferred action program would therefore not detract in any significant way from the resources available to ICE and CBP—the enforcement arms of DHS—which rely on money appropriated by Congress to fund their operations. *See* Shahoulian E-mail. DHS has explained that, if anything, the proposed deferred action program might increase ICE's and CBP's efficiency by in effect using USCIS's fee-funded resources to enable those enforcement divisions to more easily identify non-priority aliens and focus their resources on pursuing aliens who are strong candidates for removal. *See id.* The proposed program, in short, might help DHS address its severe resource limitations, and at the very least likely would not exacerbate them. *See id.*

DHS does not, however, attempt to justify the proposed program solely as a cost-saving measure, or suggest that its lack of resources alone is sufficient to justify creating a deferred action program for the proposed class. Rather, as noted above, DHS has explained that the program would also serve a particularized humanitarian interest in promoting family unity by enabling those parents of U.S. citizens and LPRs who are not other-

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wise enforcement priorities and who have demonstrated community and family ties in the United States (as evidenced by the length of time they have remained in the country) to remain united with their children in the United States. Like determining how best to respond to resource constraints, determining how to address such “human concerns” in the immigration context is a consideration that is generally understood to fall within DHS’s expertise. *Arizona*, 132 S. Ct. at 2499.

This second justification for the program also appears consonant with congressional policy embodied in the INA. Numerous provisions of the statute reflect a particular concern with uniting aliens with close relatives who have attained lawful immigration status in the United States. *See, e.g., Fiallo v. Bell*, 430 U.S. 787, 795 n.6 (1977); *INS v. Errico*, 385 U.S. 214, 220 n.9 (1966) (“The legislative history of the Immigration and Nationality Act clearly indicates that the Congress . . . was concerned with the problem of keeping families of United States citizens and immigrants united.” (quoting H.R. Rep. No. 85-1199, at 7 (1957))). The INA provides a path to lawful status for the parents, as well as other immediate relatives, of U.S. citizens: U.S. citizens aged twenty-one or over may petition for parents to obtain visas that would permit them to enter and permanently reside in the United States, and there is no limit on the overall number of such petitions that may be granted. *See* 8 U.S.C. § 1151(b)(2)(A)(i); *see also Cuellar de Osorio*, 134 S. Ct. at 2197–99 (describing the process for obtaining a family-based immigrant visa). And although the INA contains no parallel provision permitting LPRs to petition on behalf of their parents, it does provide a path for LPRs to become citizens, at which point they too can petition to obtain visas for their parents. *See, e.g.,* 8 U.S.C. § 1427(a) (providing that aliens are generally eligible to become naturalized citizens after five years of lawful permanent residence); *id.* § 1430(a) (alien spouses of U.S. citizens become eligible after three years of lawful permanent residence); *Demore v. Kim*, 538 U.S. 510, 544 (2003).¹³ Additionally, the INA empowers the Attorney

¹³ The INA does permit LPRs to petition on behalf of their spouses and children even before they have attained citizenship. *See* 8 U.S.C. § 1153(a)(2). However, the exclusion of LPRs’ parents from this provision does not appear to reflect a congressional judgment that, until they attain citizenship, LPRs lack an interest in being united with their parents comparable to their interest in being united with their other immediate relatives. The distinction between parents and other relatives originated with a 1924 statute that exempt-

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General to cancel the removal of, and adjust to LPR status, aliens who have been physically present in the United States for a continuous period of not less than ten years, exhibit good moral character, have not been convicted of specified offenses, and have immediate relatives who are U.S. citizens or LPRs and who would suffer exceptional hardship from the alien's removal. 8 U.S.C. § 1229b(b)(1). DHS's proposal to focus on the parents of U.S. citizens and LPRs thus tracks a congressional concern, expressed in the INA, with uniting the immediate families of individuals who have permanent legal ties to the United States.

At the same time, because the temporary relief DHS's proposed program would confer to such parents is sharply limited in comparison to the benefits Congress has made available through statute, DHS's proposed program would not operate to circumvent the limits Congress has placed on the availability of those benefits. The statutory provisions discussed above offer the parents of U.S. citizens and LPRs the prospect of permanent lawful status in the United States. The cancellation of removal provision, moreover, offers the prospect of receiving such status immediately, without the delays generally associated with the family-based immigrant visa process. DHS's proposed program, in contrast, would not grant the parents of U.S. citizens and LPRs any lawful immigration status, provide a path to permanent residence or citizenship, or otherwise confer any legally enforceable entitlement to remain in the United States.

ed the wives and minor children of U.S. citizens from immigration quotas, gave "preference status"—eligibility for a specially designated pool of immigrant visas—to other relatives of U.S. citizens, and gave no favorable treatment to the relatives of LPRs. Immigration Act of 1924, Pub. L. No. 68-139, § 4(a), 6, 43 Stat. 153, 155–56. In 1928, Congress extended preference status to LPRs' wives and minor children, reasoning that because such relatives would be eligible for visas without regard to any quota when their LPR relatives became citizens, granting preference status to LPRs' wives and minor children would "hasten[]" the "family reunion." S. Rep. No. 70-245, at 2 (1928); *see* Pub. Res. No. 70-61, 45 Stat. 1009, 1009–10 (1928). The special visa status for wives and children of LPRs thus mirrored, and was designed to complement, the special visa status given to wives and minor children of U.S. citizens. In 1965, Congress eliminated the basis on which the distinction had rested by exempting all "immediate relatives" of U.S. citizens, including parents, from numerical restrictions on immigration. Pub. L. No. 89-236, § 1, 79 Stat. 911, 911. But it did not amend eligibility for preference status for relatives of LPRs to reflect that change. We have not been able to discern any rationale for this omission in the legislative history or statutory text of the 1965 law.

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See USCIS SOP at 3. It is true that, as we have discussed, a grant of deferred action would confer eligibility to apply for and obtain work authorization, pursuant to the Secretary’s statutory authority to grant such authorization and the longstanding regulations promulgated thereunder. *See supra* pp. 55, 65–66. But unlike the automatic employment eligibility that accompanies LPR status, *see* 8 U.S.C. § 1324a(h)(3), this authorization could be granted only on a showing of economic necessity, and would last only for the limited duration of the deferred action grant, *see* 8 C.F.R. § 274a.12(c)(14).

The other salient features of the proposal are similarly consonant with congressional policy. The proposed program would focus on parents who are not enforcement priorities under the prioritization policy discussed above—a policy that, as explained earlier, comports with the removal priorities set by Congress. *See supra* pp. 50–51. The continuous residence requirement is likewise consistent with legislative judgments that extended periods of continuous residence are indicative of strong family and community ties. *See* IRCA § 201(a), 100 Stat. at 3394 (codified as amended at 8 U.S.C. § 1255a(a)(2)) (granting lawful status to certain aliens unlawfully present in the United States since January 1, 1982); *id.* § 302(a) (codified as amended at 8 U.S.C. § 1160) (granting similar relief to certain agricultural workers); H.R. Rep. No. 99-682, pt. 1, at 49 (1986) (stating that aliens present in the United States for five years “have become a part of their communities[,] . . . have strong family ties here which include U.S. citizens and lawful residents[,] . . . have built social networks in this country[, and] . . . have contributed to the United States in myriad ways”); S. Rep. No. 99-132, at 16 (1985) (deporting aliens who “have become well settled in this country” would be a “wasteful use of the Immigration and Naturalization Service’s limited enforcement resources”); *see also Arizona*, 132 S. Ct. at 2499 (noting that “[t]he equities of an individual case” turn on factors “including whether the alien has . . . long ties to the community”).

We also do not believe DHS’s proposed program amounts to an abdication of its statutory responsibilities, or a legislative rule overriding the commands of the statute. As discussed earlier, DHS’s severe resource constraints mean that, unless circumstances change, it could not as a practical matter remove the vast majority of removable aliens present in the United States. The fact that the proposed program would defer the

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removal of a subset of these removable aliens—a subset that ranks near the bottom of the list of the agency’s removal priorities—thus does not, by itself, demonstrate that the program amounts to an abdication of DHS’s responsibilities. And the case-by-case discretion given to immigration officials under DHS’s proposed program alleviates potential concerns that DHS has abdicated its statutory enforcement responsibilities with respect to, or created a categorical, rule-like entitlement to immigration relief for, the particular class of aliens eligible for the program. An alien who meets all the criteria for deferred action under the program would receive deferred action only if he or she “present[ed] no other factors that, in the exercise of discretion,” would “make[] the grant of deferred action inappropriate.” Johnson Deferred Action Memorandum at 4. The proposed policy does not specify what would count as such a factor; it thus leaves the relevant USCIS official with substantial discretion to determine whether a grant of deferred action is warranted. In other words, even if an alien is not a removal priority under the proposed policy discussed in Part I, has continuously resided in the United States since before January 1, 2010, is physically present in the country, and is a parent of an LPR or a U.S. citizen, the USCIS official evaluating the alien’s deferred action application must still make a judgment, in the exercise of her discretion, about whether that alien presents any other factor that would make a grant of deferred action inappropriate. This feature of the proposed program ensures that it does not create a categorical entitlement to deferred action that could raise concerns that DHS is either impermissibly attempting to rewrite or categorically declining to enforce the law with respect to a particular group of undocumented aliens.

Finally, the proposed deferred action program would resemble in material respects the kinds of deferred action programs Congress has implicitly approved in the past, which provides some indication that the proposal is consonant not only with interests reflected in immigration law as a general matter, but also with congressional understandings about the permissible uses of deferred action. As noted above, the program uses deferred action as an interim measure for a group of aliens to whom Congress has given a prospective entitlement to lawful immigration status. While Congress has provided a path to lawful status for the parents of U.S. citizens and LPRs, the process of obtaining that status “takes time.” *Cuellar de Osorio*, 134 S. Ct. at 2199. The proposed program would provide a mech-

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anism for families to remain together, depending on their circumstances, for some or all of the intervening period.¹⁴ Immigration officials have on several occasions deployed deferred action programs as interim measures for other classes of aliens with prospective entitlements to lawful immigration status, including VAWA self-petitioners, bona fide T and U visa applicants, certain immediate family members of certain U.S. citizens killed in combat, and certain immediate family members of aliens killed on September 11, 2001. As noted above, each of these programs has received Congress’s implicit approval—and, indeed, in the case of VAWA self-petitioners, a direction to expand the program beyond its original bounds. *See supra* pp. 61–63.¹⁵ In addition, much like these and

¹⁴ DHS’s proposed program would likely not permit all potentially eligible parents to remain together with their children for the entire duration of the time until a visa is awarded. In particular, undocumented parents of adult citizens who are physically present in the country would be ineligible to adjust their status without first leaving the country if they had never been “inspected and admitted or paroled into the United States.” 8 U.S.C. § 1255(a) (permitting the Attorney General to adjust to permanent resident status certain aliens present in the United States if they become eligible for immigrant visas). They would thus need to leave the country to obtain a visa at a U.S. consulate abroad. *See id.* § 1201(a); *Cuellar de Osorio*, 134 S. Ct. at 2197–99. But once such parents left the country, they would in most instances become subject to the 3- or 10-year bar under 8 U.S.C. § 1182(a)(9)(B)(i) and therefore unable to obtain a visa unless they remained outside the country for the duration of the bar. DHS’s proposed program would nevertheless enable other families to stay together without regard to the 3- or 10-year bar. And even as to those families with parents who would become subject to that bar, the proposed deferred action program would have the effect of reducing the amount of time the family had to spend apart, and could enable them to adjust the timing of their separation according to, for example, their children’s needs for care and support.

¹⁵ Several extended voluntary departure programs have been animated by a similar rationale, and the most prominent of these programs also received Congress’s implicit approval. In particular, as noted above, the Family Fairness policy, implemented in 1990, authorized granting extended voluntary departure and work authorization to the estimated 1.5 million spouses and children of aliens granted legal status under IRCA—aliens who would eventually “acquire lawful permanent resident status” and be able to petition on behalf of their family members. Family Fairness Memorandum at 1; *see supra* p. 57. Later that year, Congress granted the beneficiaries of the Family Fairness program an indefinite stay of deportation. *See* Immigration Act of 1990, Pub. L. No. 101-649, § 301, 104 Stat. 4978, 5030. Although it did not make that grant of relief effective for nearly a year, Congress clarified that “the delay in effectiveness of this section shall not be construed as reflecting a Congressional belief that the existing family fairness program should be